

Issue Description:

In the Standing Instruction creation UI, when the amount indicator is set to "Charge", the Contra Instruction section is hidden. But after adding a sub-instruction and trying to save, the system shows an error: "Contra Instructions cannot be empty".

Objective

To validate that Standing Instructions can be created and approved successfully for all supported **Amount Indicators (Charge, Fixed, Variable)**, including their variations:

- Contra Instruction handling (Visible/Hidden)
- Debit & Credit transaction types
- Percentage-based Contra distributions
- Variable: In Excess Of and In Short Of

Test Scenarios & Execution

1. Amount Indicator – Charge (Customer Induced)

- Navigate to the Standing Instruction creation UI.
- Fill in the top-level Standing Instruction details (e.g., Standing Instruction Type: Customer Induced and Frequency: Monthly)
- In the "Sub Instruction" section, select the **Amount Indicator** dropdown and choose "**Charge**".
- Enter the required charge details, such as the account number, charge amount, and VAT amount.
- Click the "**Save**" button at the top right of the page.
- **Expected Result:** The Standing Instruction should be successfully created and activated.

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Standing instruction

| | | | | |
|-----------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------|---------------------------|--------------------|
| Standing Instruction Type Customer Induced | Frequency Monthly | Standing Instruction Priority 26/09/2024 | Expiry Date 31/08/2025 | Suspend Start Date |
| Carry Forward Max Times * Suspend Expiry Date <input type="checkbox"/> Carry Forward If Failed 3 | | | | |

1 Sub Instruction

| | | | | | |
|-------------------------------------------------|--------------------------------|------------------------------------------------------|---------------------------------------|--------------------------------------------------|------------------------------------------|
| Is Debit <input checked="" type="checkbox"/> | Amount Indicator* Charge | Account Number* 1120000000383 | <input type="button" value="Search"/> | Account | <input type="button" value="Signature"/> |
| Account name Mahruf Islam Prottoy | Account type DEMAND_DEPOSIT | Currency BDT | Status ACTIVATED | Charge* Charges of Percel | Charge Amount 40 |
| Total Amount* 46.00 | Transaction Currency* BDT | <input type="checkbox"/> Execution Partially Allowed | | <input type="checkbox"/> Block Amount On Failure | |
| Note Execute until deduction fully complete | | | | | |

Verify the Approval Flow

- Using the Task ID generated from Test Case 1, log in as a user with approval authority.
- Find the pending task and approve it.
- Actual Result:**
 - The Standing Instruction is successfully created and activated.

Approve Task: Create Standing Instruction

| | |
|----------------------------------------------------------------|-----------------------------------------------|
| Frequency Monthly | Standing Instruction Type CUSTOMER_INDUCED |
| Start Date 26-09-2024 | Expiry Date 31-08-2025 |
| Suspend Start Date | Suspend Expiry Date |
| Carry Forward If Failed <input checked="" type="checkbox"/> | Carry Forward Max Times 3 |

Sub Instruction Information

| | | |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------|
| Amount Indicator CHARGE | Amount 40 | |
| Account Number 1120000000383 | Account detail <input type="button" value="Account detail"/> Signature <input type="button" value="Signature"/> | Account Currency BDT |
| Account Type DEMAND_DEPOSIT | Amount Type | |
| Transaction Currency BDT | Charge Id 26 | |
| Debit <input checked="" type="checkbox"/> | Charge Name Charges of Percel | |
| Block Amount On Failure <input checked="" type="checkbox"/> | Execution Partially Allowed <input checked="" type="checkbox"/> | |
| Note Execute until deduction fully complete | | |

2. Amount Indicator – Charge (Bank Induced)

- Navigate to the Standing Instruction creation UI.
- Fill in the top-level Standing Instruction details (**e.g., Standing Instruction Type: Bank Induced and Frequency: Once**)
- In the "Sub Instruction" section, select the **Amount Indicator** dropdown and choose **"Charge"**.
- Enter the required charge details, such as the account number, charge amount, and VAT amount.
- Click the **"Save"** button at the top right of the page.
- **Expected Result:** The Standing Instruction should be successfully created and activated.

Standing instruction

Standing instruction type: Bank Induced | Frequency: Once | Standing Instruction Priority: 26/09/2024 | Suspend Start Date: | Suspend Expiry Date: | Carry Forward Max Times: 3 | Carry Forward If Failed:

Sub Instruction

| Is Debit | Amount Indicator* | Account Number* | Account | Signature | | |
|----------------------------------------------|-----------------------|-----------------|-----------|------------------------------------------------------|--------------------------------------------------|------------|
| <input checked="" type="checkbox"/> Is Debit | Charge | 1120000000400 | | | | |
| Account name | Account type | Currency | Status | Charge* | Charge Amount | Vat Amount |
| Saeduzzaman Rony | DEMAND_DEPOSIT | BDT | ACTIVATED | Charges of Parcel | 40 | 6 |
| Total Amount* | Transaction Currency* | | | | | |
| 46.00 | BDT | | | <input type="checkbox"/> Execution Partially Allowed | <input type="checkbox"/> Block Amount On Failure | |

Note: Execute until deduction fully complete

Verify the Approval Flow

- Using the Task ID generated from Test Case 2, log in as a user with approval authority.
- Find the pending task and approve it.
- **Actual Result:**
 - The Standing Instruction is successfully created and activated.

| Start Date | 26-09-2024 | Expiry Date | 26-09-2024 |
|-------------------------|------------|-------------------------|------------|
| Suspend Start Date | | Suspend Expiry Date | |
| Carry Forward If Failed | ✓ | Carry Forward Max Times | 3 |

| Sub Instruction Information | | | |
|-----------------------------|----------------------------------------|-----------------------------|------------------|
| Amount Indicator | CHARGE | Amount | 40 |
| Account Number | 112000000400 | Account detail | Signature |
| Account Type | DEMAND_DEPOSIT | Amount Type | |
| Transaction Currency | BDT | Charge Id | 26 |
| Debit | ✓ | Charge Name | Charges of Perce |
| Block Amount On Failure | X | Execution Partially Allowed | X |
| Note | Execute until deduction fully complete | | |

3. Amount Indicator: "Fixed"

To verify that a Standing Instruction with a "Fixed" amount can be successfully created and approved, and that the "Contra Instruction" section is present and required.

Test Steps:

- Navigate to the Standing Instruction creation UI.
- Fill in all mandatory fields for the main instruction (e.g., Standing Instruction Type, Frequency, etc.).
- In the "Sub Instruction" section, select the **Amount Indicator** dropdown and choose **"Fixed"**.
- **Verify** that the **"Contra Instruction"** section is visible.
- Enter a fixed amount in the **Amount** field.
- Fill in the required details for both the debit and credit sides, including the account numbers.
- Click the **"Save"** button.

Standing instruction

Instruction Information

| | | | | | | | | | |
|----------------------------|------------------|--------------------------------------------------|---------|-------------------------------|-------------|------------|--------------|------------|--------------------|
| Standing Instruction Type* | Customer Induced | Frequency* | Monthly | Standing Instruction Priority | Start Date* | 26/09/2024 | Expiry Date* | 30/09/2025 | Suspend Start Date |
| Suspend Expiry Date | | <input type="checkbox"/> Carry Forward If Failed | | Carry Forward Max Times | | | | | |

Sub Instruction **Contra Instruction**

| | | | | | | | |
|--------------------------------------------------|-------------------|-----------------------|-----------------|------------------------------------------------------|-----|--------|-----------|
| <input checked="" type="checkbox"/> Is Debit | Amount Indicator* | Fixed | Account Number* | 112000000383 | | | |
| Account name | Account type | Mahruf Islam Prottoy | DEMAND_DEPOSIT | Currency | BDT | Status | ACTIVATED |
| Amount* | 1,000.00 | Transaction Currency* | BDT | <input type="checkbox"/> Execution Partially Allowed | | | |
| <input type="checkbox"/> Block Amount On Failure | | | | | | | |
| Note | | | | | | | |
| Charge Information | | | | | | | |

Save **< Back**

Alitali **Gulshan Branch (2)** **September 25, 2024** **Save** **< Back**

Standing instruction

Instruction Information

| | | | | | | | | | |
|----------------------------|------------------|--------------------------------------------------|---------|-------------------------------|-------------|------------|--------------|------------|--------------------|
| Standing Instruction Type* | Customer Induced | Frequency* | Monthly | Standing Instruction Priority | Start Date* | 26/09/2024 | Expiry Date* | 30/09/2025 | Suspend Start Date |
| Suspend Expiry Date | | <input type="checkbox"/> Carry Forward If Failed | | Carry Forward Max Times | | | | | |

Sub Instruction **Contra Instruction**

| | | | | | | | |
|---------------------------------|-------------------------|------------------|--------|------------|----------------|------|--------|
| Fixed | Percentage | | | | | | |
| Account Number* | Account name | Currency | Status | Amount* | | | |
| 114000000014 | FIXED | Credit | | 1000 | | | |
| + Add Contra Instruction | | | | | | | |
| Account Number | Contra Amount Indicator | Transaction Type | Amount | Percentage | Account Type | Edit | Delete |
| 114000000014 | FIXED | Credit | 1000 | | DEMAND_DEPOSIT | | |

< Back

Expected Result (on Save):

- The system should successfully save the Standing Instruction.

Approval Flow:

- Use the generated **Task ID** to navigate to the approval page.
- Approve the task.
- Actual Result:** The standing instructions are successfully approved and become active.

4. Amount Indicator "Fixed" with Contra Instruction "Percentage"

To verify that a standing instruction can be successfully created and approved where a fixed amount is debited and then distributed to one or more accounts as a percentage.

Test Steps:

- Navigate to the Standing Instruction creation UI.
- Fill in all mandatory fields for the main instruction (e.g., Standing Instruction Type, Frequency, etc.).
- In the "Sub Instruction" section, ensure the "**Is Debit**" checkbox is checked.
- Select the **Amount Indicator** dropdown and choose "**Fixed**".
- Enter a **Fixed Amount** (e.g., 20,000.00).
- Fill in the debit account details.
- Navigate to the "**Contra Instruction**" section.
- Click "**Contra Instruction**" for the contra instruction, select the "**Percentage**" tab.
- Enter the credit account number.
- Enter the **Percentage** to be credited.(If you have multiple credit accounts, add them individually, ensuring the total percentage adds up to 100.)

- Click the "Save" button.

Expected Result (on Save):

- The system should successfully save the Standing Instruction without any validation errors.

The screenshot shows the 'Standing instruction' page with the following details:

- Instruction Information:**
 - Standing Instruction Type: Customer Induced
 - Frequency: Monthly
 - Standing Instruction Priority: Standard
 - Start Date: 26/09/2024
 - Expiry Date: 31/10/2025
 - Suspend Start Date: (empty)
 - Suspend Expiry Date: (empty)
 - Carry Forward If Failed
 - Carry Forward Max Times
- Sub Instruction:**
 - Is Debit:
 - Amount Indicator: Fixed
 - Account Number: 1120000000400
 - Account name: Saduzzaman Rony
 - Account type: DEMAND_DEPOSIT
 - Currency: BDT
 - Status: ACTIVATED
 - Amount: 20,000.00
 - Transaction Currency: BDT
 - Execution Partially Allowed
 - Block Amount On Failure
 - Note: (empty)

The screenshot shows the 'Standing instruction' page with the following details:

- Contra Instruction:**
 - Fixed
 - Percentage
- Contra Instructions Table:**

| Account Number | Contra Amount Indicator | Transaction Type | Amount | Percentage | Account Type | Edit | Delete |
|----------------|-------------------------|------------------|--------|------------|----------------|------|--------|
| 111100000007 | PERCENTAGE | Credit | | 60 | DEMAND_DEPOSIT | | |
| 112000000008 | PERCENTAGE | Credit | | 40 | DEMAND_DEPOSIT | | |

Approval Flow:

- Use the generated **Task ID** to navigate to the approval page.
- Approve the task.

- **Actual Result:** The standing instruction should be successfully approved and become active.

Approve Task: Create Standing Instruction

✓ Accept | ⚗ Reject | ✎ Correction | ⌂ Delegate | ⏪ Back

| Sub Instruction Information | | | | | |
|-----------------------------|----------------|--------------------------------|---------------------------|------------------|-----|
| Amount Indicator | FIXED | Amount | 20000 | | |
| Account Number | 1120000000400 | Account detail | Signature | Account Currency | BDT |
| Account Type | DEMAND_DEPOSIT | Amount Type | | | |
| Transaction Currency | BDT | Charge Id | | | |
| Debit | ✓ | | | | |
| Block Amount On Failure | ✗ | Execution Partially Allowed | ✗ | | |
| Note | | | | | |

| Account Number | Contra Amount Indicator | Transaction Type | Amount | Percentage | Account Type |
|----------------|-------------------------|------------------|--------|------------|----------------|
| 1111000000007 | PERCENTAGE | Credit | | 60 | DEMAND_DEPOSIT |
| 1120000000008 | PERCENTAGE | Credit | | 40 | DEMAND_DEPOSIT |

5: Sub Instruction "Is Debit" Unchecked

To verify that a Standing Instruction can be successfully created and approved when the sub-instruction is a credit-only transaction (i.e., the "Is Debit" checkbox is unchecked).

Test Steps:

- Navigate to the Standing Instruction creation UI.
- Fill in all mandatory fields for the main instruction (e.g., Standing Instruction Type, Frequency, etc.).
- In the "Sub Instruction" section, **uncheck** the "**Is Debit**" checkbox.
- Select an **Amount Indicator Fixed**.
- Fill in the required details for the credit side, including the account number and the amount to be credited.
- Click the "**Save**" button.

Expected Result (on Save):

- The system should successfully save the Standing Instruction without any validation errors.

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Standing instruction

| | | | | | |
|----------------------------|------------|--------------------------------------------------|-------------|-------------------------|--------------------|
| Standing Instruction Type* | Frequency* | Standing Instruction Priority | Start Date* | Expiry Date* | Suspend Start Date |
| Customer Induced | Monthly | | 26/09/2024 | 31/08/2025 | |
| Suspend Expiry Date | | <input type="checkbox"/> Carry Forward If Failed | | Carry Forward Max Times | |

1 Sub Instruction **2 Contra Instruction**

| | | | | | | | | |
|--------------------------------------------------|---------------------|-----------------|---------------------------------------|-----------------------------------------------|------------------------------------------|-------------|------------|----------|
| <input type="checkbox"/> Is Debit | Amount Indicator* | Account Number* | <input type="button" value="Search"/> | <input type="button" value="Account detail"/> | <input type="button" value="Signature"/> | | | |
| | Fixed | 1111000000307 | | | | | | |
| Account name | Account type | Currency | Status | Amount* | Transaction Currency* | | | |
| TASNIM FERDOUS | DEMAND_DEPOSIT | BDT | ACTIVATED | 20,000.00 | BDT | | | |
| <input type="checkbox"/> Block Amount On Failure | | | | | | | | |
| Note | | | | | | | | |
| Charge Information | | | | | | | | |
| Charge Name | Charge Account Type | Charge Account | Calculated Charge | Charge Amount | Vat Account Type | Vat Account | Vat Amount | Currency |
| Standing Instruction Charge | GL | 7202060700 | 100.00 | 100.00 | GL | 4202020103 | 15.00 | BDT |

Standing instruction

Instruction Information

| | | | | | |
|----------------------------|------------|--------------------------------------------------|-------------|-------------------------|--------------------|
| Standing Instruction Type* | Frequency* | Standing Instruction Priority | Start Date* | Expiry Date* | Suspend Start Date |
| Customer Induced | Monthly | | 26/09/2024 | 31/08/2025 | |
| Suspend Expiry Date | | <input type="checkbox"/> Carry Forward If Failed | | Carry Forward Max Times | |

1 Sub Instruction **2 Contra Instruction**

| | | | | | | | |
|---------------------------------|---------------------------------------|------------------|----------|------------|----------------|-------------------------------------|---------------------------------------|
| <input type="checkbox"/> Fixed | <input type="checkbox"/> Percentage | | | | | | |
| Account Number* | <input type="button" value="Search"/> | Account name | Currency | Status | Amount* | | |
| 112000000395 | | | | | 20000 | | |
| Note | | | | | | | |
| + Add Contra Instruction | | | | | | | |
| Account Number | Contra Amount Indicator | Transaction Type | Amount | Percentage | Account Type | Edit | Delete |
| 112000000395 | FIXED | Debit | 20000 | | DEMAND_DEPOSIT | <input type="button" value="Edit"/> | <input type="button" value="Delete"/> |

Approval Flow:

- Use the generated **Task ID** to navigate to the approval page.
- Approve the task.
- **Actual Result:** The standing instruction is successfully approved and becomes active.

6. Amount Indicator "Variable" with "In Excess Of" Amount Type

To verify that a Standing Instruction can be created and approved to automatically debit an account for any amount that exceeds a specified threshold.

Test Steps:

- Navigate to the Standing Instruction creation UI.
- Fill in all mandatory fields for the main instruction (e.g., Standing Instruction Type, Frequency, etc.).
- In the "Sub Instruction" section, ensure the "**Is Debit**" checkbox is checked.
- Select the **Amount Indicator** dropdown and choose "**Variable**".
- A new field for **Amount Type** should appear. Select "**In Excess Of**".
- Enter an Amount (e.g., 20000).
- Fill in the required debit and credit account details.
- Click the "**Save**" button.

Expected Result (on Save):

- The system should successfully save the Standing Instruction without any validation errors.

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Standing instruction

Instruction Information

| | | | | | |
|----------------------------|-------------------------|-------------------------------|---------------------------|--------------|--------------------|
| Standing Instruction Type* | Frequency* | Standing Instruction Priority | Start Date* | Expiry Date* | Suspend Start Date |
| Customer Induced | Monthly | | 26/09/2024 | 31/08/2025 | |
| Suspend Expiry Date | Carry Forward If Failed | | Carry Forward Max Times * | | |
| | | | 3 | | |

① Sub Instruction ② Contra Instruction

| | | | | | |
|------------------------------------------------------|-------------------|--------------------------------------------------|---------------------------------------|-----------------------------------------------|------------------------------------------|
| <input checked="" type="checkbox"/> Is Debit | Amount Indicator* | Account Number* | <input type="button" value="Search"/> | <input type="button" value="Account detail"/> | <input type="button" value="Signature"/> |
| | Variable | 1120000000400 | | | |
| Account name | Account type | Currency | Status | Amount* | Amount Type* |
| Saeuzzaman Rony | DEMAND_DEPOSIT | BDT | ACTIVATED | 20.000.00 | In Excess Of |
| <input type="checkbox"/> Execution Partially Allowed | | <input type="checkbox"/> Block Amount On Failure | | | |
| Note | | | | | |
| Charge Information | | | | | |

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Standing instruction

Instruction Information

| | | | | | |
|----------------------------|-------------------------|-------------------------------|---------------------------|--------------|--------------------|
| Standing Instruction Type* | Frequency* | Standing Instruction Priority | Start Date* | Expiry Date* | Suspend Start Date |
| Customer Induced | Monthly | | 26/09/2024 | 31/08/2025 | |
| Suspend Expiry Date | Carry Forward If Failed | | Carry Forward Max Times * | | |
| | | | 3 | | |

① Sub Instruction ② Contra Instruction

| | | | | |
|---------------------------------------------------------------------------|-----------------------------------------|-------------------------------------|----------------------------------|---------------------------------------------|
| Account Number* | Account name | Currency | Status | Percentage* |
| <input type="text" value="112000000028"/> | <input type="text" value="PERCENTAGE"/> | <input type="text" value="Credit"/> | <input type="text" value="100"/> | <input type="text" value="DEMAND_DEPOSIT"/> |
| <input type="button" value="Edit"/> <input type="button" value="Delete"/> | | | | |

Approval Flow:

- Use the generated **Task ID** to navigate to the approval page.
- Approve the task.
- Actual Result:** The standing instruction is successfully approved and transitioned to an **Active** status, ready to be executed when the debit account's balance exceeds the specified threshold.

7. Amount Indicator "Variable" with "In Short Of" and "Is Debit" Unchecked

To verify that a credit-only Standing Instruction can be successfully created and approved to automatically credit an account to a specified threshold.

Test Steps:

- Navigate to the Standing Instruction creation UI.
- Fill in all mandatory fields for the main instruction (e.g., Standing Instruction Type, Frequency, etc.).
- In the "Sub Instruction" section, **uncheck** the "Is Debit" checkbox.
- Select the **Amount Indicator** dropdown and choose "**Variable**".
- A new field for **Amount Type** should appear. Select "**In Short Of**".
- Enter an **Amount** (e.g., 70000).
- Fill in the required credit and debit account details in the "Contra Instruction" section.
- Click the "**Save**" button.

Expected Result (on Save):

- A unique **Task ID** should be generated and displayed for the submitted instruction.

The screenshot shows the 'Standing instruction' creation interface. At the top, there's a header with 'Standing instruction' and buttons for 'Save' and 'Back'. Below the header, the 'Instruction Information' section includes fields for 'Standing Instruction Type' (Customer Induced), 'Frequency' (Monthly), 'Standing Instruction Priority', 'Start Date' (26/09/2024), 'Expiry Date', and 'Suspend Start Date'. There are also checkboxes for 'Suspend Expiry Date' and 'Carry Forward If Failed', and a 'Carry Forward Max Times' input field. The 'Sub Instruction' section (marked with a circled '1') contains fields for 'Is Debit' (unchecked), 'Amount Indicator' (Variable), 'Account Number' (1120000000405), and an 'Account detail' table. The 'Contra Instruction' section (marked with a circled '2') contains fields for 'Account name' (MD KHALID REDWAN MOBIN), 'Account type' (DEMAND_DEPOSIT), 'Currency' (BDT), 'Status' (ACTIVATED), 'Amount' (70,000.00), 'Amount Type' (In Short Of), and 'Transaction Currency' (BDT). At the bottom, there are checkboxes for 'Execution Partially Allowed' and 'Block Amount On Failure', and sections for 'Note' and 'Charge Information'.

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Standing instruction

| | | | | | |
|---------------------|---------|--------------------------------------------------|------------|-------------------------|--------------------|
| Customer Induced | Monthly | Standing Instruction Priority | 26/09/2024 | Expiry Date* | Suspend Start Date |
| Suspend Expiry Date | | <input type="checkbox"/> Carry Forward If Failed | | Carry Forward Max Times | |

Sub Instruction **Contra Instruction**

| | | | | |
|-----------------|--------------|----------|--------|-------------|
| Account Number* | Account name | Currency | Status | Percentage* |
| Note | | | | |

+ Add Contra Instruction

| Account Number | Contra Amount Indicator | Transaction Type | Amount | Percentage | Account Type | Edit | Delete |
|----------------|-------------------------|------------------|--------|------------|----------------|------|--------|
| 112000000040 | PERCENTAGE | Debit | | 100 | DEMAND_DEPOSIT | | |

Approval Flow:

- Use the generated **Task ID** to navigate to the approval page.
- Approve the task.
- **Actual Result:** The standing instruction should be successfully approved and become active.

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Approve Task: Create Standing Instruction

Accept Reject Correction Delegate

Sub Instruction Information

| | | | |
|-------------------------|----------------|-----------------------------|----------------------|
| Amount Indicator | VARIABLE | Amount | 7000 |
| Account Number | 1120000000405 | Account detail | Account Currency BDT |
| Account Type | DEMAND_DEPOSIT | Amount Type | IN_SHORT_OF |
| Transaction Currency | BDT | Charge Id | |
| Debit | X | | |
| Block Amount On Failure | X | Execution Partially Allowed | X |
| Note | | | |

Contra Instruction

| Account Number | Contra Amount Indicator | Transaction Type | Amount | Percentage | Account Type |
|----------------|-------------------------|------------------|--------|------------|----------------|
| 112000000040 | PERCENTAGE | Debit | | 100 | DEMAND_DEPOSIT |