Software Requirements Specification

For

DMS Application Enhancement

Version 1.0 (Proposed)

Prepared by

PRIME TECH
SOLUTINOS LTD.
THE DOOR TO APPROPRIATE TECHNOLOGY

13, Kazi Nazrul Islam Avenue, TK Bhaban (Level 7),

Dhaka 1215, Bangladesh

Web: www.primetechbd.com

Email: info@primetechbd.com

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Revision History

Name	Date	Reason For Changes	Version

1. Introduction

1.1. Purpose

Distributor Management System (DMS) is a web based and database driven software application that provides the opportunities of different types of setup and overall management of distributors with the provision of viewing and exporting various reports. This application ensures the opportunity for the role based users to access data and execute functions.

DMS is the only interface for Distributors, our valuable stake holder. This module is used for secondary tracking of physical products with some very useful insights and reporting. Even EV, Biometric, ETSAF, Device etc. Non-DMS scope feature reporting is also available in DMS. With current changes in UX/UI and overall redesign of the module, further Performance boost, overall better experience increase, some new features will make the tool friendlier and more useful. In this aspect, Prime Tech is thankful to Banglalink for the opportunity to offer its professional services for developing the system. Prime Tech is willing to work together with Banglalink to achieve its goals, thereby strengthening the foundation for long-term partnership with Banglalink. With the changes with business, KPIs and regional requirements modification in different interface and reports have become evident which is the scope of this document.

1.2. Intended Audience and Reading Suggestions

This document is to be read by the development team, the project managers, QA Engineers, supporting staff, testers, documentation writers, and all other stakeholders of DMS. The SRS has been organized approximately in order of increasing user specificity requirements. The developers and project managers need to become intimately familiar with the SRS to understand the development requirements and track change request.

1.3. Product Scope

- Flash pop up notification on daily Tips for great start of the day
- User Tips on long time usage
- Automated alert if user is doing Heavy usage and occupying bandwidth of others
- Mobile Browser Compatibility of DMS
- Resized screen to give better UI feeling to users
- Scanner inventory migration from one DD to another due to distributor migration/termination/demarcation.
- Inclusion of RSO codes in all DMS reports
- Boost overall performance, especially for mostly used pages.
- Quiz for DMS Operators to keep engaged and motivated
- Merger of DMS, M-DMS and Retailer Web tool
- SIM return to ware house rejection process required without Text file
- SIM return to ware role rights required in live server
- Enhance EV reporting time

- Adding Deno and Data pack report
- Distributor Survey
- Problem escalation and view integration with super office
- PDF downloads for Distributor on Company provided TAX Paper etc.
- RSO daily lifting vs. actual sales and RSO performance reports

2. Operating Environment

Development platform for Web Application:

- Operating System: Windows server 2012 or higher
- Development Technology: .Net
- Database: ORACLE 11g or Higher
- IDE: Visual Studio 2017/2019

Development Environment:

- Development Language: ASP.NET MVC with C#
- Framework Version: .Net Framework 4.5
- Database: ORACLE 11g or Higher

3. Technical Requirements/Interfaces

3.1. Flash pop up notification / Notification on daily Tips for a great start of the day

Ref: FR1 (Business Recruitments Document)

Feature to create and display scheduled pop-up notifications with the option to select recipient groups/individuals and the ability to select by zones/regions. Pop-up notifications will have an option to close the pop-up with a close button in the upper right corner. Closed pop ups will not show again.

A new menu item will be added to the admin menu termed “notifications”. This menu will take the admin to the notifications page where he/she will be able to see a list of the existing notifications that have been created and their status. In addition to this, the page will have a button to create a new notification.

Notification Creation Process:

Notification type:

Login:

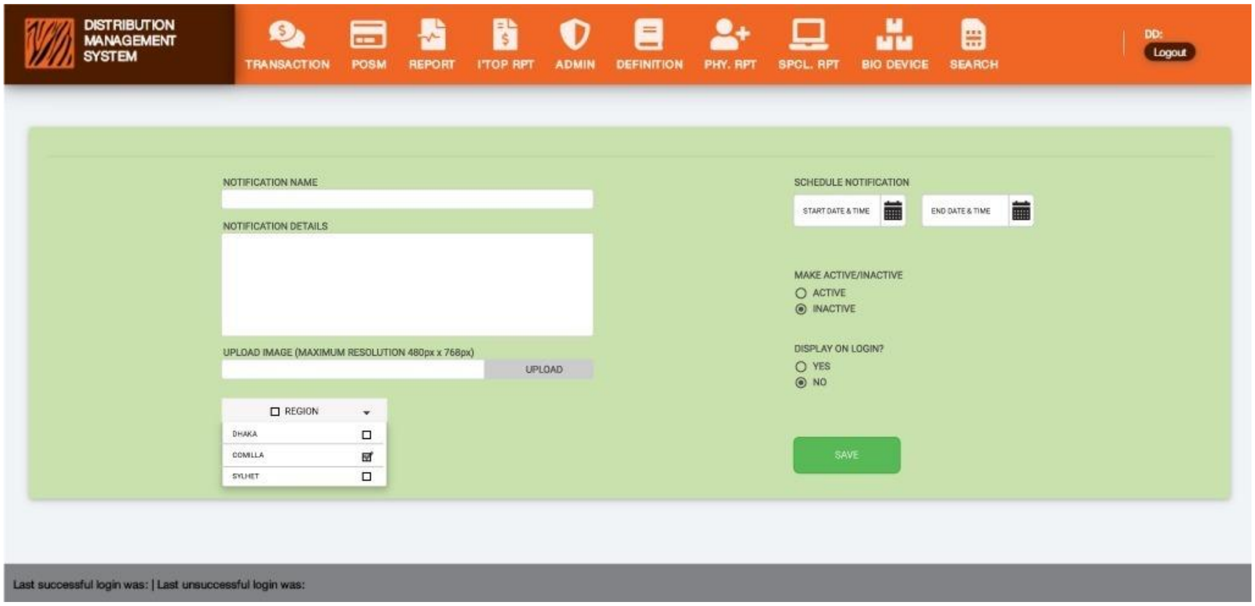
If login is selected, the notification will be shown to all users under the selected region indefinitely, until the user closes the notification. Once closed, the notification will not show to that user again. In the event of multiple active notifications with the "Display on Login" option set to yes, the notifications will be indefinitely shown to a user at random, unless the user dismisses the notification. The specific notification that has been closed will not be shown again. If login is selected, the scheduled option will be disabled for that particular notification.

Scheduled:

If a Schedule is set for the notification, the user will see the notification if he/she logs in or is using the system during the scheduled period. The notification will pop up on any page of the system the user is on during the scheduled period. If a schedule is set, the login option will be disabled for that particular notification.

Create Notification:

View of the “Create Notification” Interface.

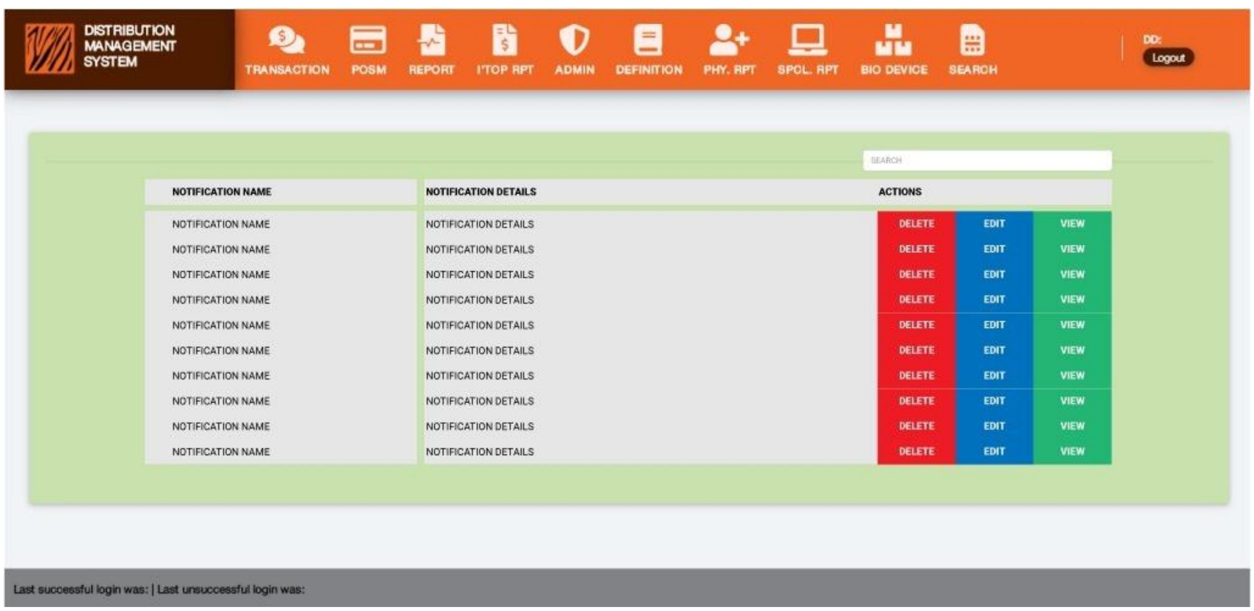


1. Name – Name of the notification. Name is mandatory field without filling this field, the user cannot create a notification. This is useful later for identifying notifications when the admin tries to look for a particular notification.
2. Details – The text content of the notification. Details is mandatory field without filling this field, the user cannot create a notification. This is the actual text that goes with the notification.
3. Is Active – Radio button that marks whether a notification will run immediately/during the scheduled time. This is a mandatory field without filling this field, the user cannot create a notification. Marking it as inactive basically saves a draft of the created notification and is not broadcasted until it is marked as active.
4. Region – Dropdown that shows a list of regions where the admin may select where the notification will be shown. This is a mandatory field without filling this field, the user cannot create a notification. The logic in this feature will utilize the existing logic implemented in other DMS pages for loading region drop-down.
5. Upload Image – An option that opens up a window from Windows Explorer where the admin can pick an image to upload. This is a mandatory field without filling this field, the user cannot create a notification.
6. Active for – The time duration for which the notification will show. This is a mandatory field without filling this field, the user cannot create a notification.
7. View on Login – An option that allows the user to see the notification whenever they login as opposed to a particular time. This is a mandatory field without filling this field, the user cannot create a notification.

Rules/Validation:

1. Name – Mandatory Field
2. Details – Mandatory Field
3. Is Active – Mandatory Field
4. Region – Mandatory Field
5. Upload Image – Mandatory Field (Image must be 5” by 8”)
6. Active for – Mandatory Field (Active for time cannot be less than one minute)
7. View on Login (Yes/No) – Mandatory Field
8. When a pop notification is scheduled, the user will see the pop notification whenever he logs in within the scheduled period.
9. When a notification schedule time is activated, a logged in user will receive the notification on any page he is viewing.

Manage Notifications:



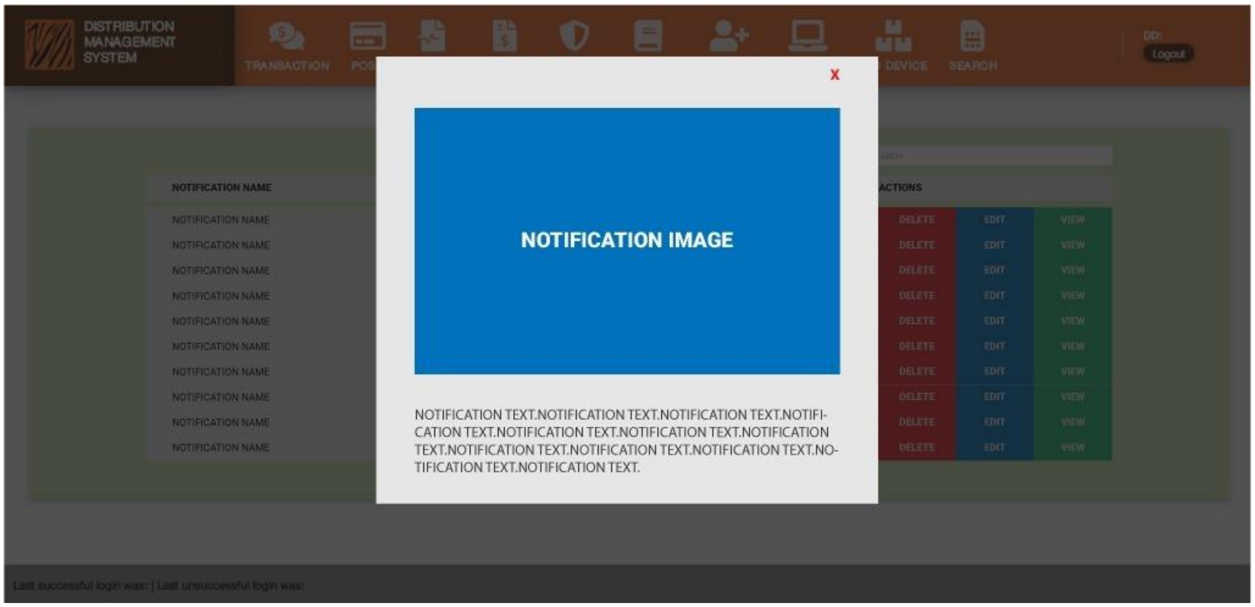
When notifications are created in the process above, there needs to be a way to manage these notifications for actions like modifications, deleting, deactivating, etc. The process below shows the management procedures once a notification is created.

On clicking the notifications section (currently does not exist and will be created on implementation of this FR) of the admin menu, the admin will be directed to a page that has a list of all existing notifications.

The list will display the following:

1. Notification name
2. Notification Details
3. Actions (Edit, View & Delete)

View Notifications (Region Wise User):



User View of the Created Notification

1. Pop Notification – The image of 5” by 8” as uploaded by the admin on the notification creation form.
2. Notification Message – The details that the admin input in the details field of the notification creation form.
3. Close Button – Clicking on this button will close the notification.

3.2. Enhance EV Reporting Time

Ref: FR2 (Business Recruitments Document)

The EV report is currently synced with the DMS twice, one at the start of the day and the other at midday (Report name: itopupMidday). This needs to be changed to updating on an hourly basis from 8 am to 11 pm.
Ftp location with file format will be there, once updated data is found in this location, data will be used to prepare relevant reports of Midday. Mechanism will be there to detect latest data

Report Format:

UPLOADDATETIME	DDCODE	RSOCODE	RSONAME	RSOMOBILE	ROUTECODE	RETCODE
2/21/2021 0:00	BARBAG03	RS023030	RSO 1	1902692554	BARBAG03_RO	R163199

RETNAME	ITOPUPNUMBER	TARGET	AMOUNTDISBURSED	AMOUNTSOLD	BALANCE	AVGSALESPERDAY
Rubel store	1915256931	325	0	0	1089.89	165

Rules/Validations:

1. Excel file will be exported
2. If data is available in hourly basis, then users can export it in hourly basis.

Dependency:

Need to receive hourly data from the EV system. The data is updated twice daily as the data is received from the EV system twice daily. Once hourly data is sent, the updates can be synced.

3.3. Deno & Data pack Report

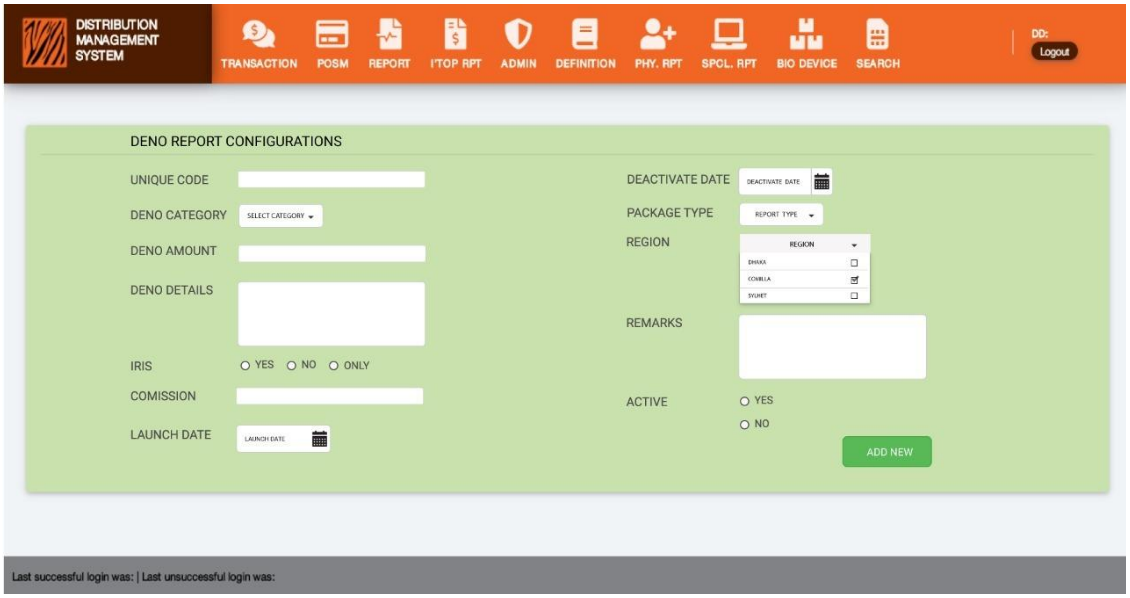
Ref: FR3 (Business Recruitments Document)

It's a New Report, data will be taken from DWH based on the Deno Configuration Table and then maintained in DMS after processing.

Business shared deno configuration template:

Unique Code	Category	Deno Amount	Deno Details	IRIS	Commission	Launch Date	Active	Deactive Date	Package Type	Region	Remarks
	Data Pack	13		N			Y		Popular		
	Data Pack	18		N			Y		Regular		

User Interface for Deno Configuration

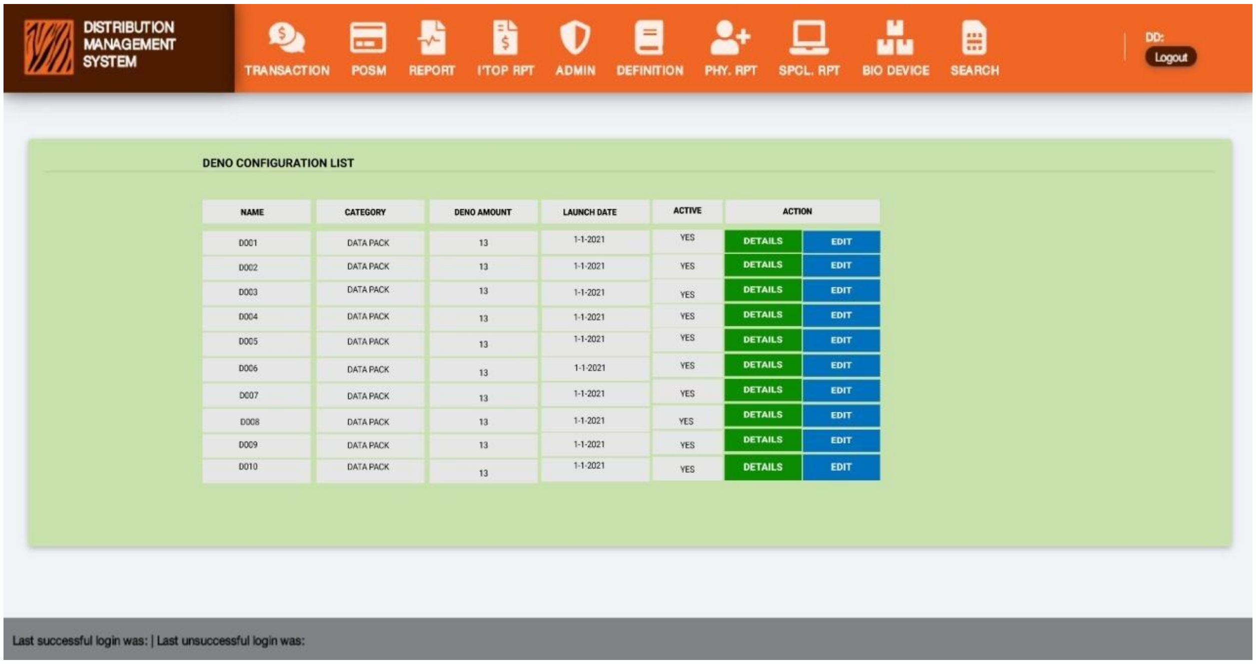


Rules/Validation:

For Bundle Deno List Configuration for Report:

1. Unique Code – Mandatory Field. System Generated.
2. Category – Mandatory Dropdown Field.
3. Deno Amount – Mandatory Field.
4. Deno Details – Mandatory Field.
5. IRIS – Mandatory Radio-button Field. Only 3 types (Yes, No and Only).
6. Launch Date – Mandatory Field.
7. Active – Mandatory Radio-button Field.
8. Deactivate date – If 'No' selected in 'Active', then Deactivate date is a Mandatory field.
9. Package Type – Mandatory Dropdown field.
10. Region – Mandatory Checklist Dropdown field. Single/Multiple/All regions can be selected.

User Interface for Deno Configuration Index



Report Header in Excel:

Distributor Code/Retailer Code	itop-up Number	Supervisor Code-Name	RSO Code	SR Number	Denomination	Deno Category	Date	Count	Value

Report header:

Distributor Code, Retailer Code, itop-up number, Supervisor Code-Name, RSO Code, SR Number, Denomination, Deno Category, Date, Count, Value.

Location: I'top-up report

Report's Rules/Validations:

For DMS External User:

1. Start Date – Mandatory Field. Cannot be less than current date-time. Cannot be later than 'End Date'.
2. End Date – Mandatory Field. Cannot be less than 'Start Date'.
3. RSO – Report can be filtered by All RSO or Selected RSO.
4. Report can be filtered by Multiple Deno (DD).

For DMS Internal User:

1. Start Date – Mandatory Field. Cannot be earlier than current date-time. Cannot be later than 'End Date'.
2. End Date – Mandatory Field. Cannot be earlier than 'Start Date'.

3. Cluster – Report can be filtered by All Cluster or Selected Cluster. If cluster is selected only respective Region data will be shown in Region list also in report data.
4. Region - Report can be filtered by All Region or Selected Region. If Region is selected only respective Distributor data will be shown in Distributor list also in report data.
5. Report can be filtered by Multiple Deno (internal). Filter by Deno type/Deno amount.

Dependency:

Data availability from DWH source.

3.4. Distributor Survey: Survey and Quiz for Distributor's DMS Users

Ref: FR4 (Business Recruitments Document)

The survey feature allows DMS internal users to create and conduct surveys for DMS external users. The creator can create a point based quiz/survey that can be scheduled. The survey participants check the survey available from the survey list and participate.

Survey Creation Process:

Description: The above workflow diagram shows how DMS internal users will create and conduct surveys for DMS external users.

1. The user will input the survey name in a text box.
2. The user will set the schedule for the survey. In order to do this, the user will select the date and time selector and set the date and the time of that date on which the survey will take place.
3. The user will create a question.
4. The user will select an answer type from three options, namely radio button, checklist and text based. This is the type of answer that the participant will see.

    - The radio button type allows the survey participant to select only one answer from a question that uses a radio button selector.

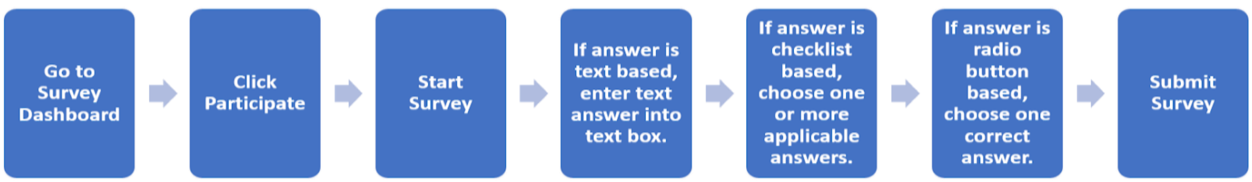
    - The checklist type allows a user to select one or more answers from question that uses the checklist type selector.

- The text-based option allows the survey participant to type in answers to questions that uses a text input field.

Once the answer type is selected, it is set for the participant. Now the participant can only answer in the format specified in the answer type.

5. The user inputs the answer option for the corresponding question.
6. The user assigns points to an answer.
7. The user uses the mark as correct option to select an answer that is correct for that particular question.
8. The user may choose to add more answer options. This is for MCQ based questions where there are multiple choices for answers.
9. The user may choose to add more questions.
10. The user saves the survey. The user will receive a success message and be redirected to the survey management UI.

Survey Participation Process:



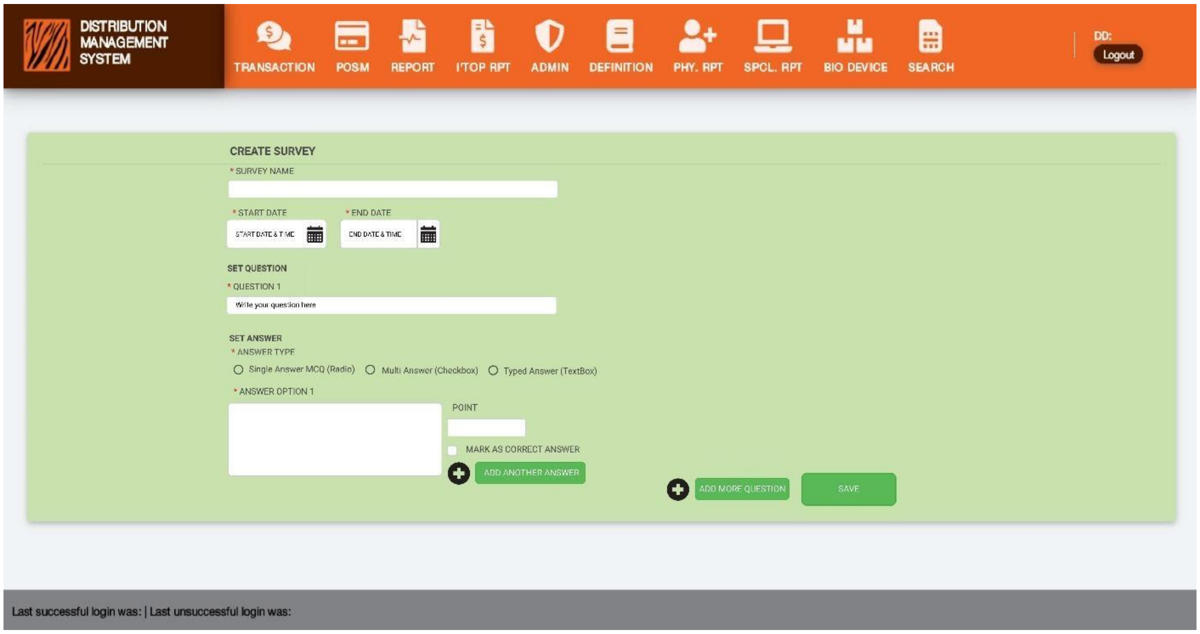
Description: The above process demonstrates how a user will participate in a survey.

1. The user enters his survey dashboard.
2. From the list of surveys that are available, the user clicks on a participate button to start the survey.
3. If survey answers are text based, the user will type in the answers to the questions on a text field.
4. If survey answers are checklist based, the user will select one or more appropriate answers.
5. If survey answers are radio button based, the user will select one correct answer.
6. Once the user is done with the survey, he/she will click on the submit option to submit the survey.

<u>Survey Creation (Admin/Int’):</u>

The survey creation feature will have options to create questions and answers. Using this, the admin can simply add the questions and answers (options) and corresponding points for each answer. Points are set in the Point field beside each answer. The points are then added together according to the participant’s answers in order to calculate the points.

User Interface:

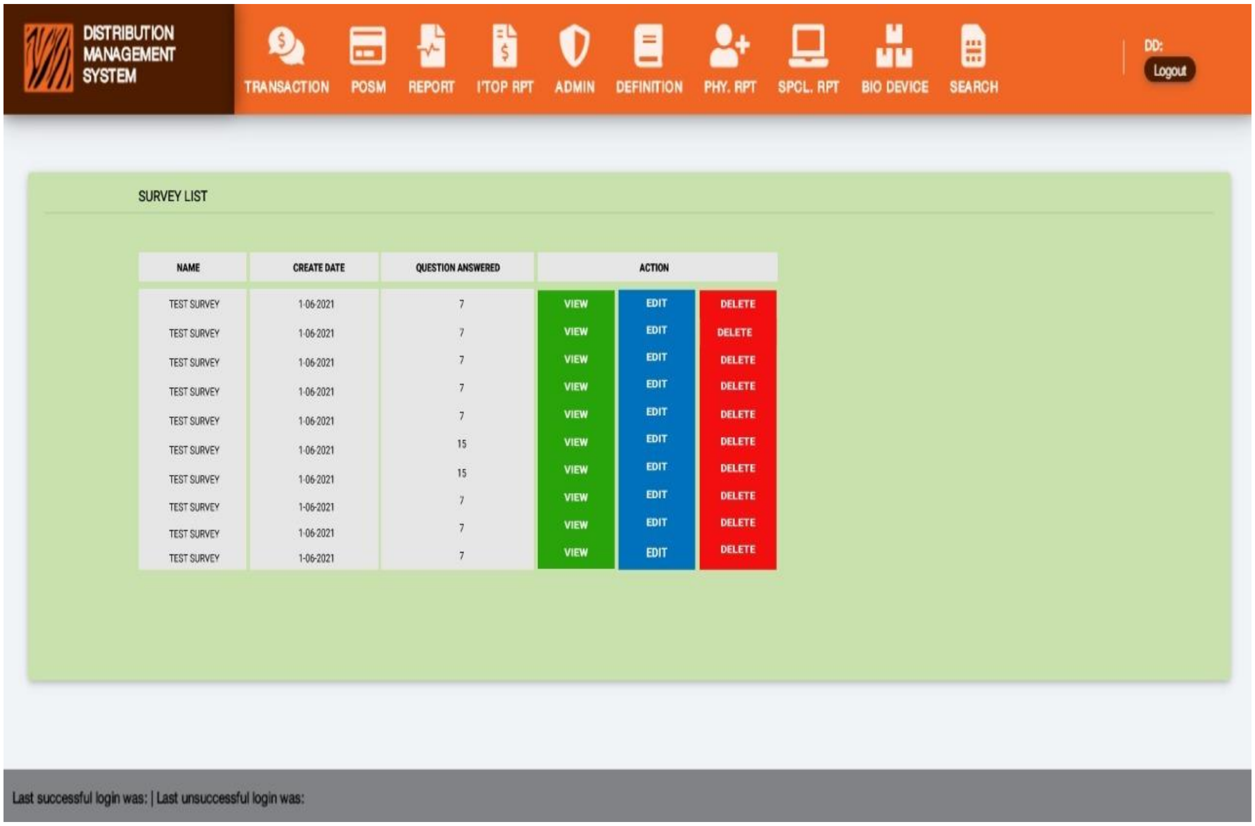


Rules & Validation:

1. Survey Name – Mandatory Field.
2. Start Date – Mandatory Field. Cannot be less than current date-time. Cannot be later than ‘End Date’.
3. End Date – Mandatory Field. Cannot be less than ‘Start Date’.
4. Set Question– Mandatory Field. At least one question must be set to create a survey.
   I. Question 1- Mandatory Field
   II. Answer type- Mandatory Field
   III. Option 1- Mandatory Field (if answer type is selected as Radio or Checkbox).
   IV. For Radio or Checkbox type answer at least one answer must be marked as correct answer.
   V. For Text field type answer ‘Add more option’ button is not needed, hence button will remain invisible/dim/inactive.
5. Point – Mandatory Field
6. To ‘Add more question’ all the input field for existing question set must be validated.

Survey Dashboard View (Int'):

User Interface:

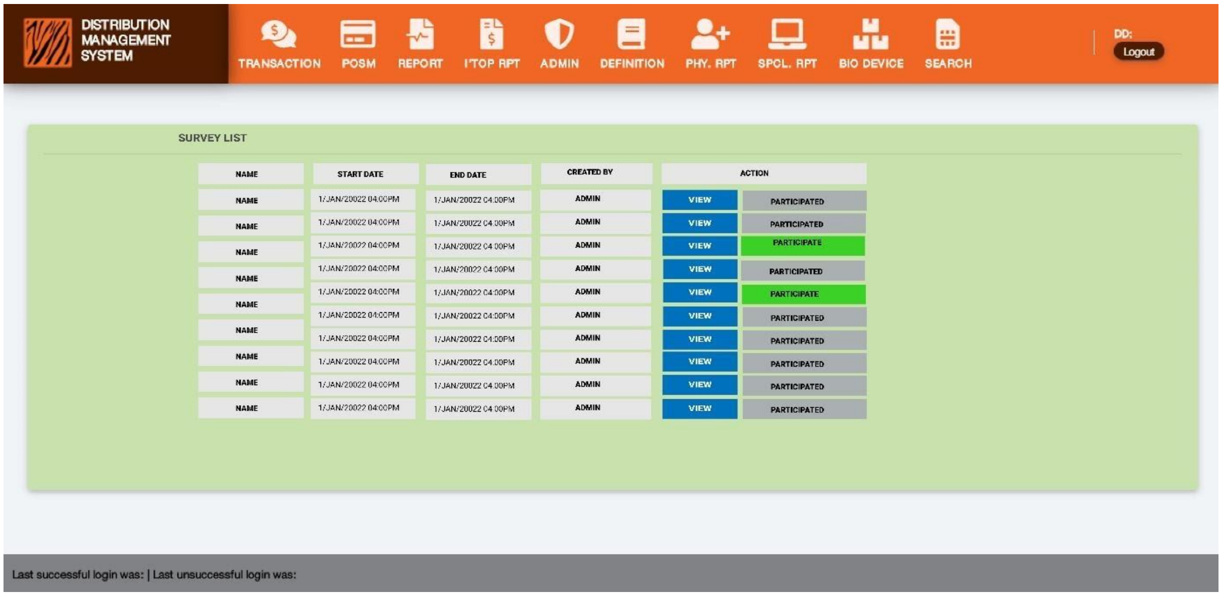


Rules & Validation:

- Most Recent Survey on Top
- Questions Answered is the Live count of answer of each survey, these are the total number of answers attended for each quiz.

Survey Dashboard View (Ext'):

User Interface:

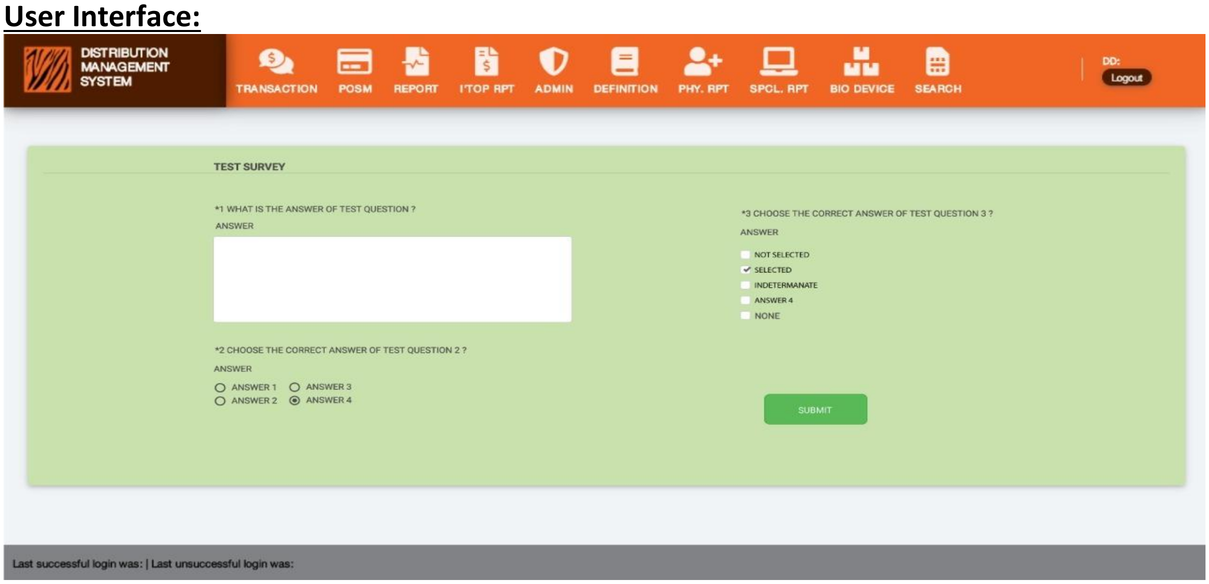


Rules & Validation:

- Can't be participated more than once. Once participated, the participate button will be disabled and greyed out.

Survey View (Ext'):

User Interface:



Rules & Validation:

1. Answer (Text field) – Mandatory field.
2. Answer (Radio) - One answer must be selected.
3. Answer (Checkbox) – At least one answer must be selected. More than one can be selected.
4. To submit all the answer field must be validated.
5. One user can participate to a survey once only

3.5. RSO Performance Reports

Ref: FR5 (Business Recruitments Document)

RSO Performance Reports for DMS Users.

Report Format in Excel:

Distributor	Supervisor Code-Name	RSO Code	RSO Name	itopup SR Number	SR to retailer itopup Sales Total	SR to retailer itopup Sales M-DMS	Retailer itopup Tertiary of that RSO

RSO to Retailer SIM Sales Total	RSO to Retailer SIM Sales M-DMS	Retailer Activation of that RSO	SC Secondary Tota	SC Secondary M-DMS	SC Tertiary

Rules/Validations:

- RSO-retailer mapping will be considered as per retailer database.

For DMS External User:

1. Start Date – Mandatory Field. Cannot be less than current date-time. Cannot be later than ‘End Date’.
2. End Date – Mandatory Field. Cannot be less than ‘Start Date’.

For DMS Internal User:

1. Start Date – Mandatory Field. Cannot be earlier than current date-time. Cannot be later than ‘End Date’.
2. End Date – Mandatory Field. Cannot be earlier than ‘Start Date’.
3. Cluster – Report can be filtered by All Cluster or Selected Cluster. If cluster is selected only respective Region data will be shown in Region list also in report data.
4. Region - Report can be filtered by All Region or Selected Region. If Region is selected only respective Distributor data will be shown in Distributor list also in report data.
5. Distributor - Report can be filtered by All Distributor or Selected Distributor. If Distributor is selected only respective Distributor data will be shown in report data.

Report Head: Distributor, Supervisor Code-Name, RSO Code, RSO Name, i'topup SR Number, SR to retailer itopup Sales Total, SR to retailer itopup Sales M-DMS, Retailer itopup Tertiary of that RSO, RSO to Retailer SIM Sales Total, RSO to Retailer SIM Sales M-DMS, Retailer Activation of that RSO, SC Secondary Total, SC Secondary M-DMS, SC Tertiary.

Dependency:

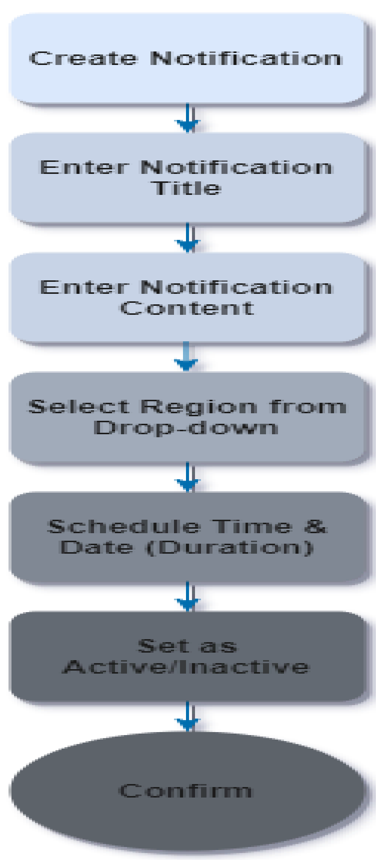
Source: DMS, DWH (D-1)

3.6. Region wise access for notification setup

Ref: FR6 (Business Recruitments Document)

Region wise access for notification setup, Region wise Notification, Notification in Bengali. Access to RS-Operations to circulate their message for their users. Option to input message from mobile browser.

Notification Creation Process:

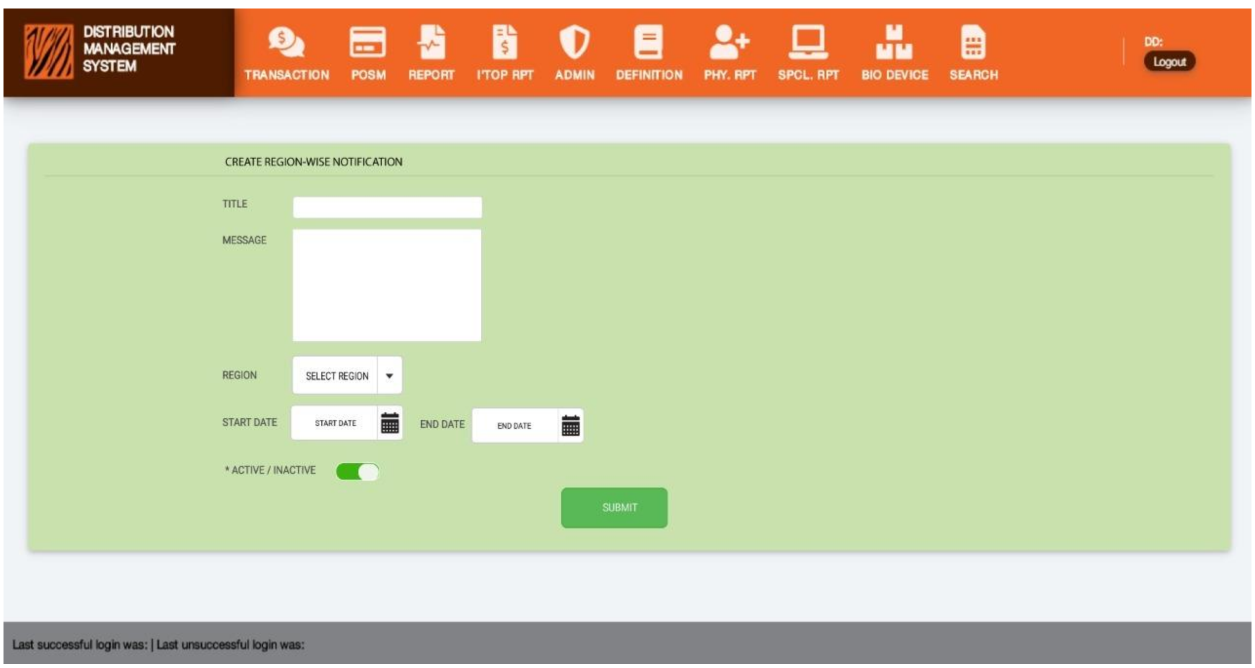


Description:

The above workflow allows a user to setup region wise notifications.

1. The user first creates a notification by clicking on a create button.
2. The user enters the notification title which will be the name and title of the notification.
3. The user enters the notification content into a text box which is the main body of the notification.
4. Only Internal user having role (RS-operations, rd and Hod, HRS, reporting team) will have access to update notification.
5. List of region will appear as mapped with regions in location rights.
6. Only DMS users of the selected region will receive regional notifications. Notification shared by Admin will be viewed to all users in addition to regional notification.
7. The user schedules the notification broadcast time by selecting the start date and time and the end date and time.
8. The user marks the created notification as active or inactive. Marking it as active permits the notification to be broadcast on the selected schedule.
9. The user saves the notification.

Creation (User Interface):



Rules/Validation:

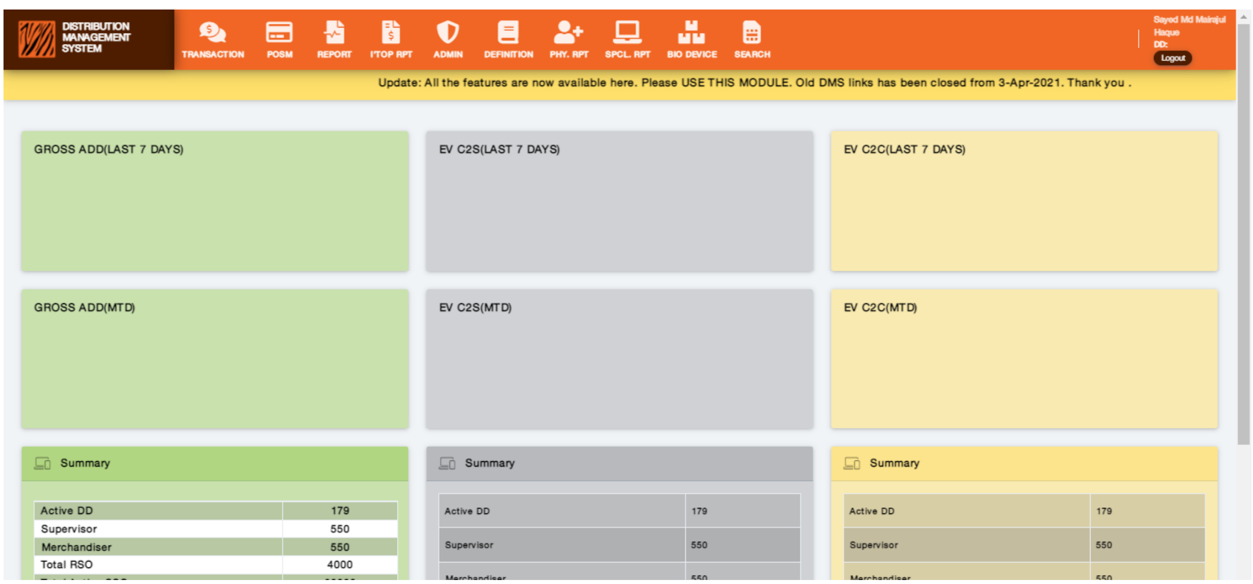
1. Title – Mandatory field.
2. Message – Mandatory field.

3. Region – Mandatory Checkbox field. Message will be displayed only for specified Region user.
4. Start time – Mandatory field. Start time cannot be later than End time.
5. End time – Mandatory field. End time cannot be earlier than Start time.
6. Start Date – Mandatory Field. Cannot be earlier than current date-time. Cannot be later than 'End Date'.
7. End Date – Mandatory Field. Cannot be earlier than 'Start Date'.
8. Is Active – Mandatory Radio-button Field.

Regional user view: User will view Title, Message, region, Start date time, end time.

Admin view: Admin will be able to view this list as well. In last column created by and Region name will be visible. A filter on created by will be available for admin. Edit Option to update message, start date time, end time, Active On/Off.

View (User interface for scrolling message):



Rules/Validation:

National admin set scroll message + regional user set scroll message both will appear.

Message of One regional user will not viewed to users of other region.

3.7. Mobile browser compatibility for DMS

Ref: FR7 (Business Recruitments Document)

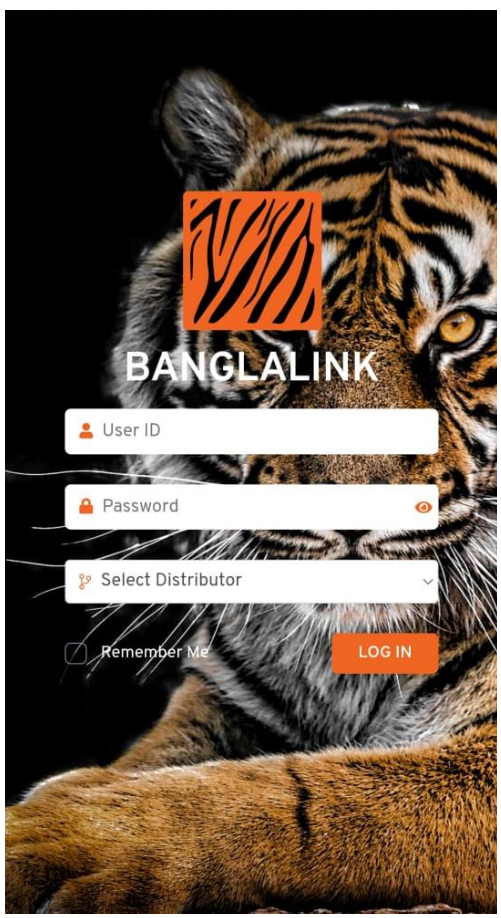
Make DMS pages responsive for mobile compatibility (as many as possible).

Priority Pages:

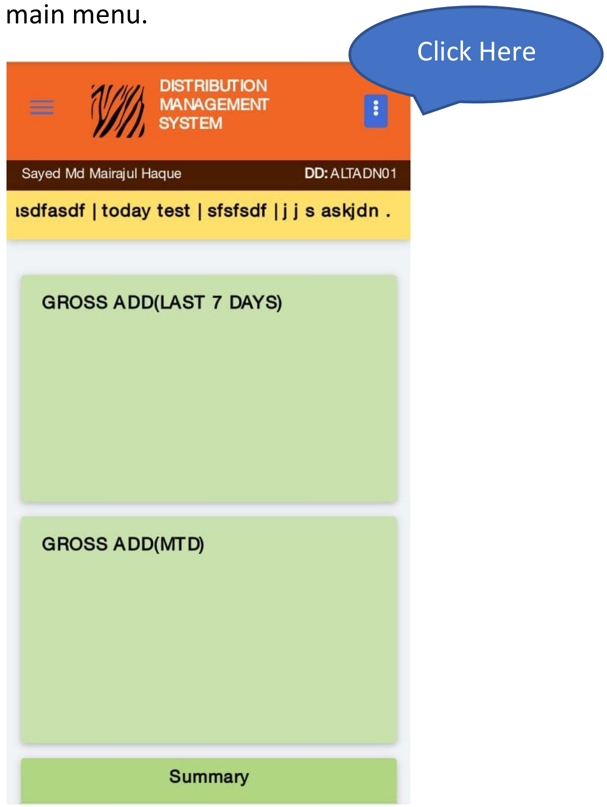
1. Login
2. Dashboard
3. Transaction Verification Pages
4. Admin Messages
5. Manage Location Rights
6. Itop-up Buffer
7. BTS and Edit
8. Bio Device
9. Smart Search

Steps for DMS application mobile view

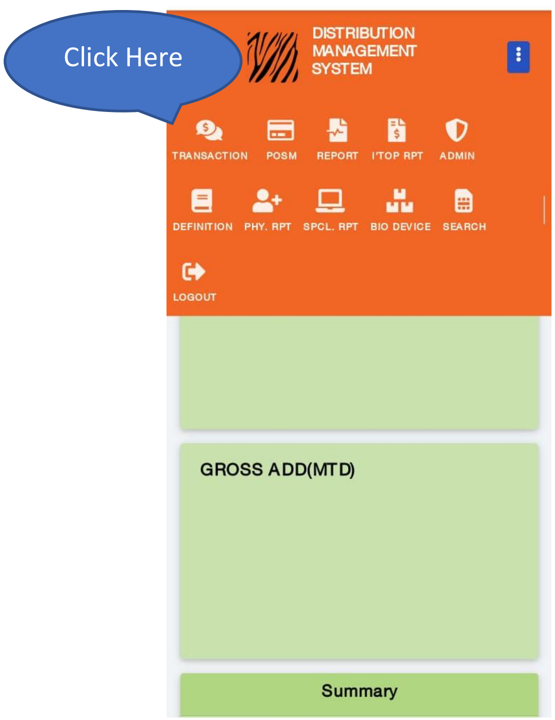
Step 1: Enter user information to login.



Step 2: Click on menu icon to open main menu.



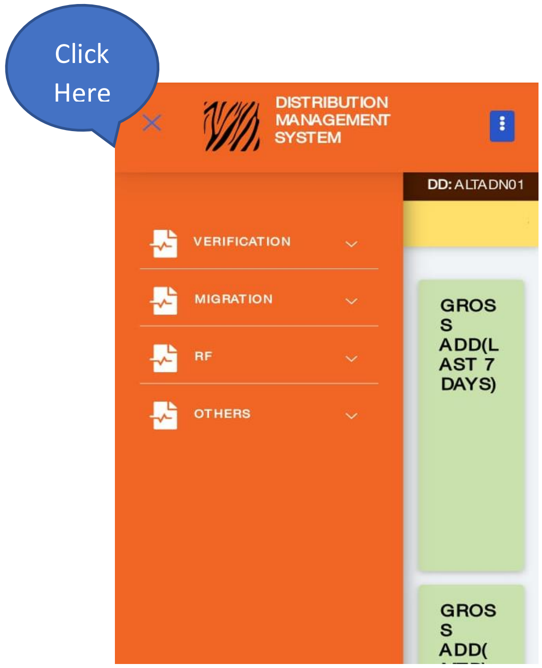
Step 3: Select menu item Transaction:



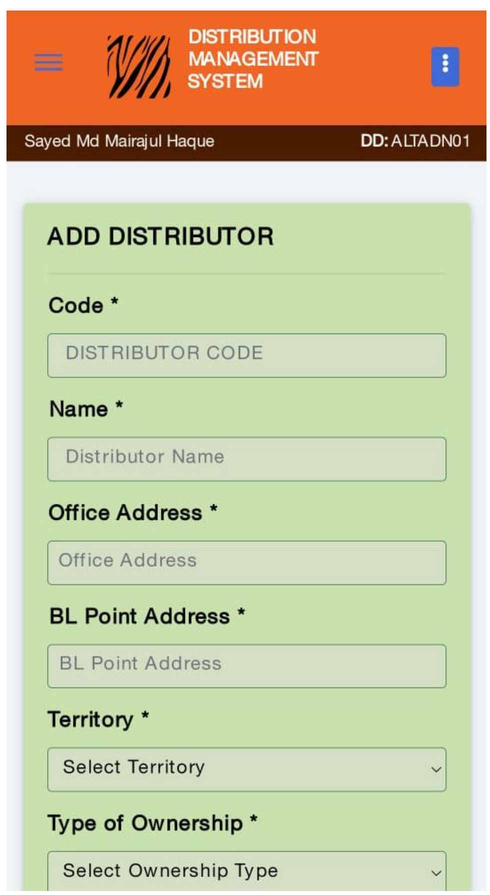
Step 4: Click menu icon to close main menu.

Step 4: Select submenu

Step 5: Click cross icon to close submenu.



Step 6: Input Distributor



3.8. Inclusion of RSO Codes, SR Numbers, Supervisor Names

Ref: FR8 (Business Recruitments Document)

Need to add RSO code, SR Number, supervisor name in following reports:

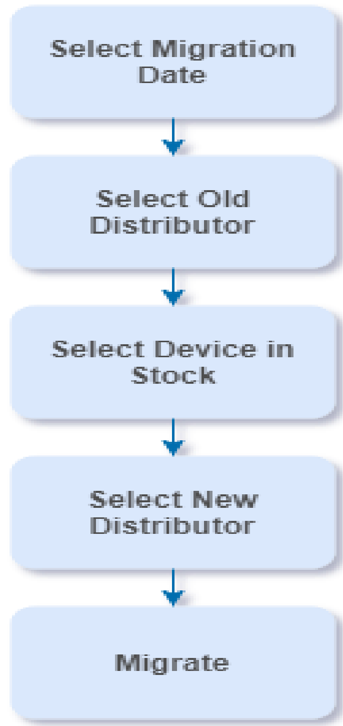
Physical Report	ISSUE SIM TO RETAILER REPORT: RSO information come from RSO calendar. ISSUE BIOMETRICT DEVICE TO RETAILER: RSO information come from RSO calendar. RECEIVE SC FROM RETAILER: RSO information come from RDB
I'top up Report	ITOP-UP DETAILS REPORT: RSO information come from RSO Calendar ITOP-UP STOCK LIFTING: RSO information come from RSO Calendar i'top-up Sales Report: RSO information come from RSO Calendar ITOP-UP BALANCE REPORT: RSO information come from RSO Calendar EV RETAILER SYNC PENDING SUMMARY: RSO information come from RSO Calendar
Special Report	DENO REPORT SUMMARY: RSO information come from RSO Calendar Deno Report Details: RSO information come from RSO Calendar

3.9. Scanner Inventory Migration

Ref: FR9 (Business Recruitments Document)

Scanner inventory migration from one DD to another due to distributor migration/termination/demarcation. No system Approval required as the migration will be done by business Admin with proper over mail confirmation from ZM and RH. Only Applicable for Partial. For Full floor migration, existing process will remain as is. The existing process used will be the one for physical product migration.

Scanner Inventory Migration Process:

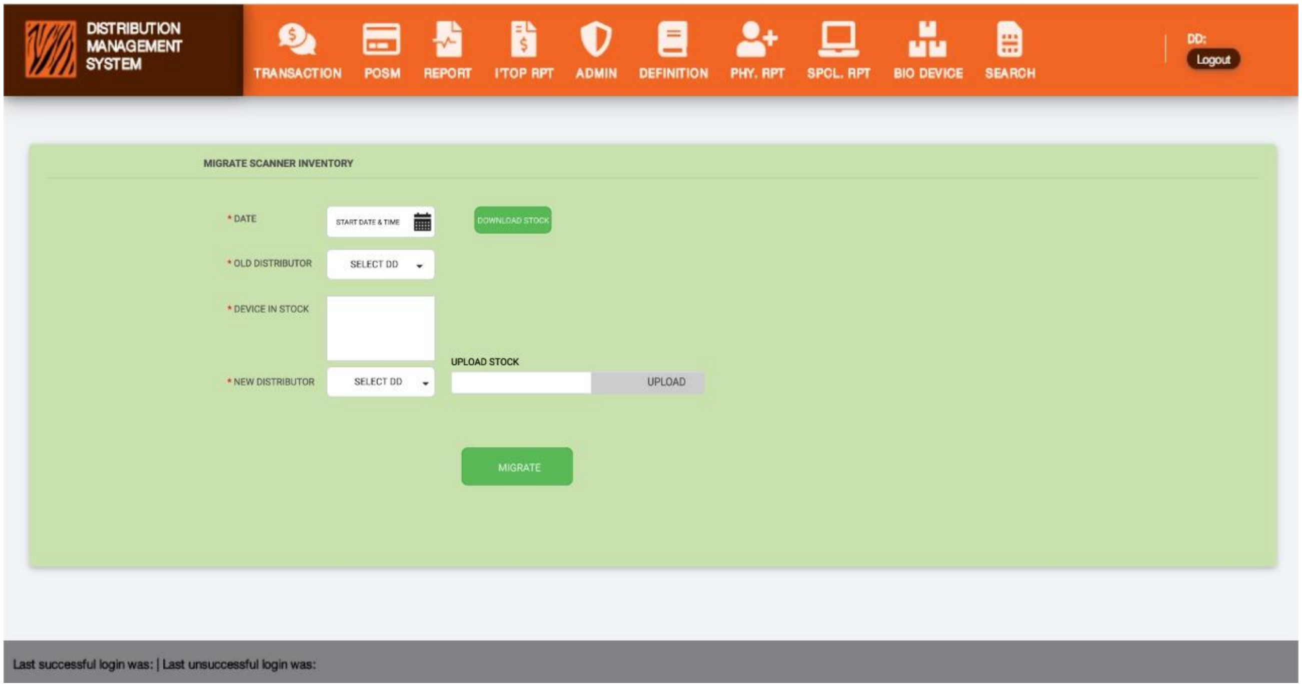


Description:

Using the process demonstrated above, a user can migrate scanner inventory from one user to another.

1. The migration date will be taken from the system. This is the date on which the migration will occur.
2. The user will select the old distributor. This is the distributor of origin from whom the scanner inventory will be migrated.
3. The user will select the devices (by serial) that will be transferred from the old distributor.
4. The user will select the new distributor. This is the destination distributor to whom the selected inventory will be migrated.
5. The user will now migrate the scanner inventory.

User Interface:



Rules/Validation:

1. Download on hand stock
2. Make device in stock section list (similar to SIM issuance)
3. Upload selected stock for migration.
4. Date - Mandatory Field. Cannot be earlier than current date-time.
5. Old distributor- Mandatory Field. The dropdown will contain a list of all DD.
6. Device in stock - Mandatory Checkbox Field. At least one device must be selected to migrate.
7. Only 'Not Issued to Retailer' device of old distributor will appear in the 'Device in stock' list.
8. New distributor- Mandatory Field.
9. No system Approval required as the migration will be done by business Admin with proper over mail confirmation from ZM and RH.
10. Only Applicable for Partial.

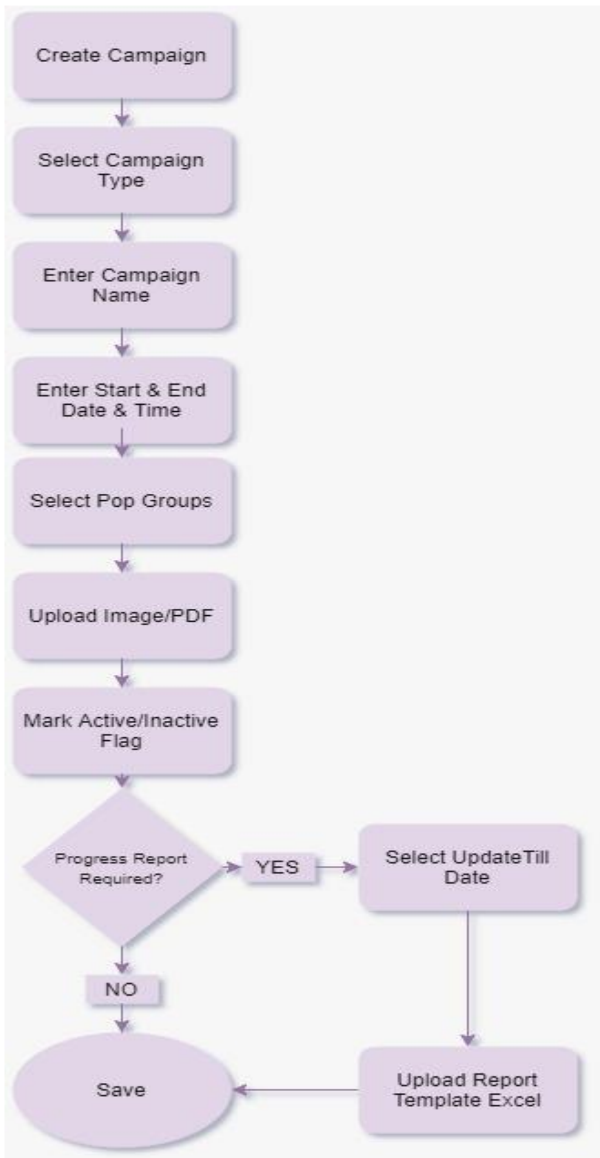
    For Full floor migration, existing process will remain as is. The existing process used will be the one for physical product migration.

3.10. Campaign Zone

Ref: FR10 (Business Recruitments Document)

Create Campaign UI Admin Internal: Set up Campaign, Include campaign pop up group: DMS operator, Manager, RSO, Distributor, Region. Define Campaign Type, Define Campaign: Select Campaign Type, Enter Name, Enter Campaign duration dates (start and end), Select Campaign Pop Group, Campaign Image/PDF upload, Active Flag, Progress Report Flag.

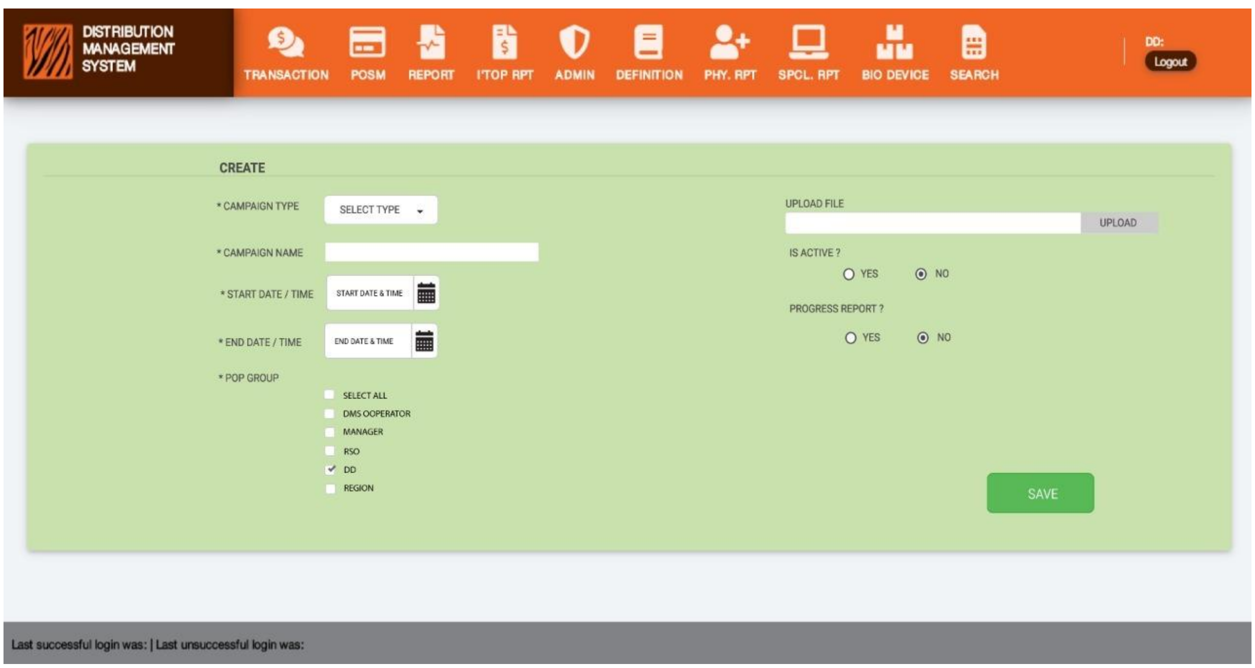
Campaign Zone Workflow:



Campaign Zone Workflow Description:

1. The user will select the Campaign Type from a dropdown list. These types will be predefined by the user.
2. The user will enter the Campaign Name.
3. The user will enter the start and end date and time of the campaign.
4. The user will select one or more pop up groups.
5. The user may upload images/PDFs related to the campaign.
6. The user will mark the campaign as active/inactive
7. If a progress report is required, the user will check that option and select the "Update Till" date for the progress report and upload an excel template for the report data collection. The progress report is a report containing the progress of campaign assignees. If this is checked, the assignees will get to download a template where they will input their progress and upload it for the campaign creator to see.
8. The user will now save the campaign.
9. UI for Edit page to upload Excel File and include report update date is missing
10. 2 separate Browse / uploads, 1 to upload campaign details and 1 to upload updated report.

Creation (User Interface):

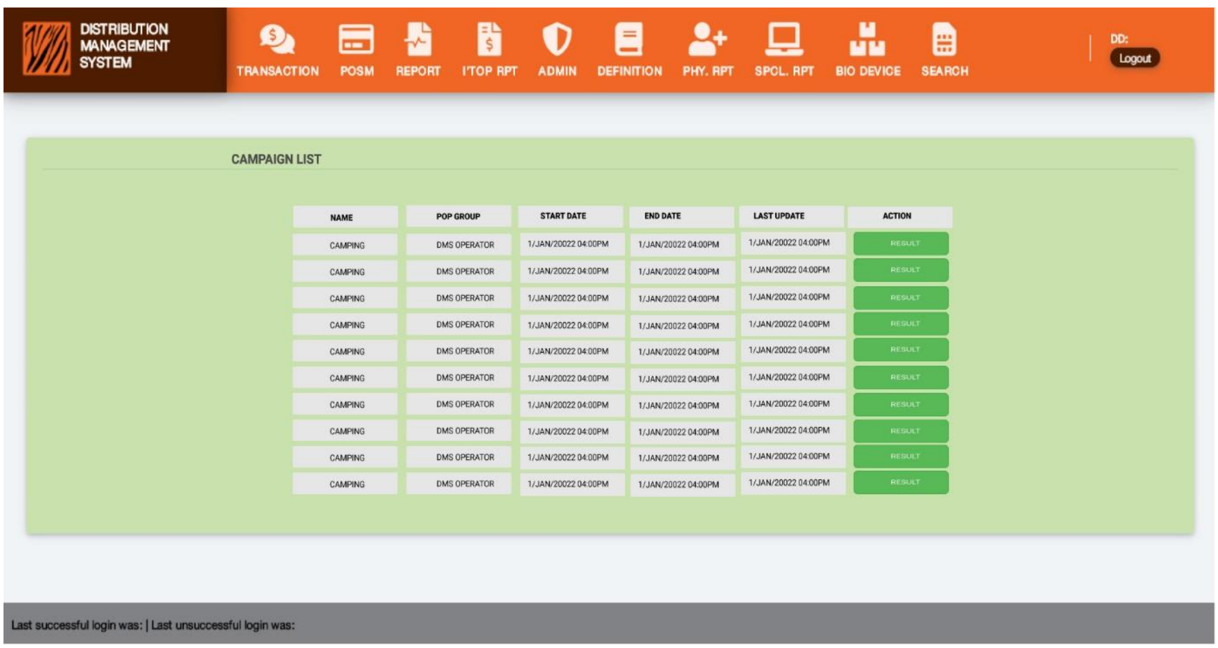


Rules/Validation:

1. Campaign Type - Mandatory Field.
2. Campaign Name - Mandatory Field. Same name can be used for multiple campaigns.

3. Start Date/time – Mandatory Field. Cannot be earlier than current date-time. Cannot be later than 'End Date/time'.
4. End Date/time – Mandatory Field. Cannot be earlier than 'Start Date/time'.
5. Keep Active / Inactive flag to view or stop view of flash.
6. Multiple items can be active, Menu in Admin Panel.
7. If Progress Report Flag yes, then provide UI to upload campaign update report.
8. Pop group - Mandatory Checkbox Field. At least one group must be selected.
9. Upload file - Mandatory Field. Uploaded files can me Images or PDFs with a max size of 1MB.
10. Is active - Mandatory Radio-button Field.
11. Progress Report - Mandatory Radio-button Field.
    I. Update till - Mandatory Field. If 'Progress Report' selected 'Yes'. For selecting 'No', 'Update till' Field will remain hidden.
    II. Upload file – Mandatory Field. If 'Progress Report' selected 'Yes'. For selecting 'No', 'Upload file' Field will remain hidden

<u>Campaign list view (**Ext**):</u>

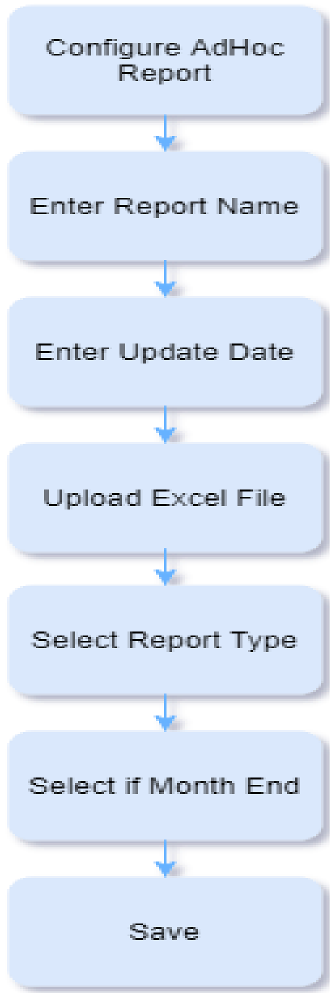


3.11. Adhoc Report Publish with Dynamic Report Name and Heads

Ref: FR11 (Business Recruitments Document)

Excel upload from internal: Select Report update date, input report name / Excel File name as report name, select report type (Report of Distributor / RSO / Retailer), Select Month-End (Tick), browse and upload Excel file. First column will be the code (retailer / rso / distributor), rest are dynamic. upload should be easier and faster with faster download. In External module, adhoc report section will be there as link. On press excel will be downloaded in user's PC. Download: As per location rights, Distributor wise report will be generated. Store Month end report, Per KPI and Per Month one report will be preserved for six months.

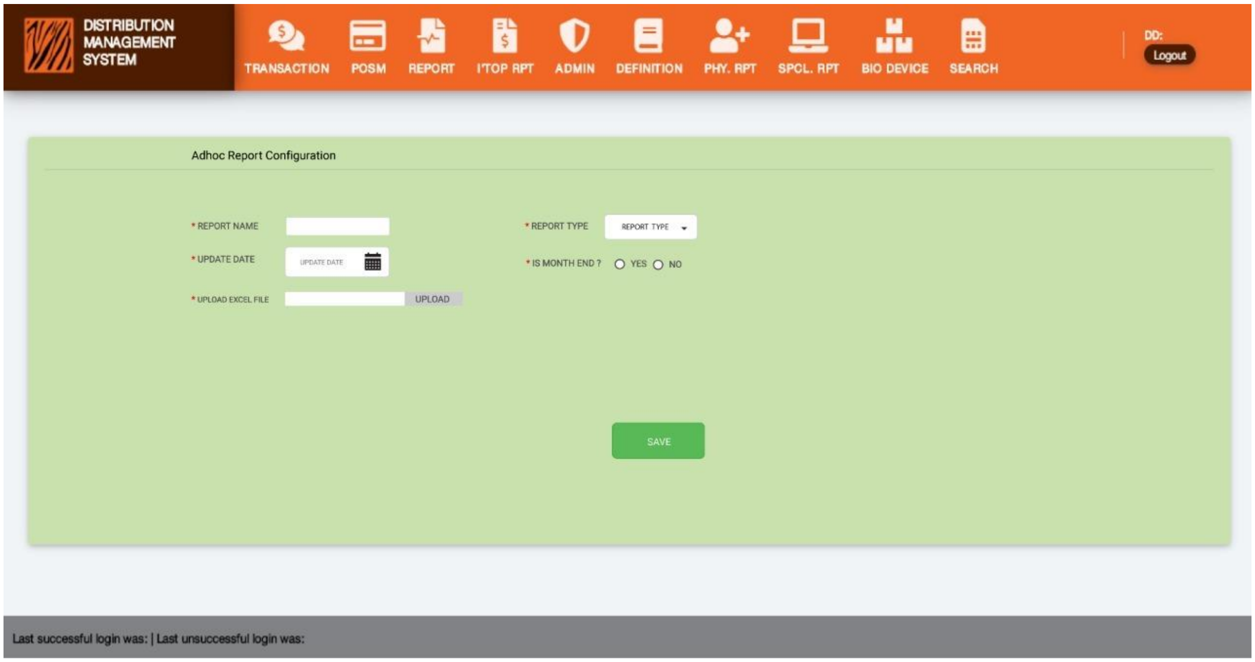
Workflow:



Workflow Description:

1. The user will enter the report name.
2. The user will set the update date.
3. The user will upload the Excel file.
4. The user will select the report type.
5. The user will select if it is the end of the month.
6. The user will save the configuration.

Configuration (User Interface):



Rules/Validation:

1. Report update date – Mandatory Field. Date cannot be later than current date.
2. Report name – Mandatory Field.
3. Report type – Mandatory Radio-button Field.
4. Is Month end – Mandatory Radio-button Field
5. Upload excel file – Mandatory Field.

Excel upload Format:

1. **For Retailer**

RETAILER CODE	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
RET001	data	data	data	data	data	data	data	data	data	data	data	data	data

2. **For RSO**

RSO CODE	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13	Column 14	Column 15
RSO001	data	data	data	data	data	data	data	data	data	data	data	data	data	data	data

3. For Distributor

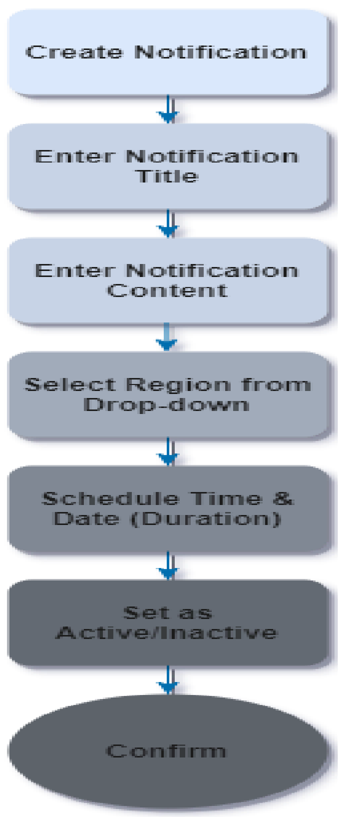
DD CODE	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10
DHKDHK01	data	data	data	data	data	data	data	data	data	data

3.12. Region wise Alert

Ref: FR12 (Business Recruitments Document)

Region wise access for notification setup, Region wise Notification, Notification in Bengali. Access to RS-Operations and ZM to circulate their message for their users. Option to input message from mobile browser.

Notification Creation Process:



Description:

The above workflow allows a user to setup region wise notifications.

1. The user first creates a notification by clicking on a create button.
2. The user enters the notification title, which will be the name, and title of the notification.

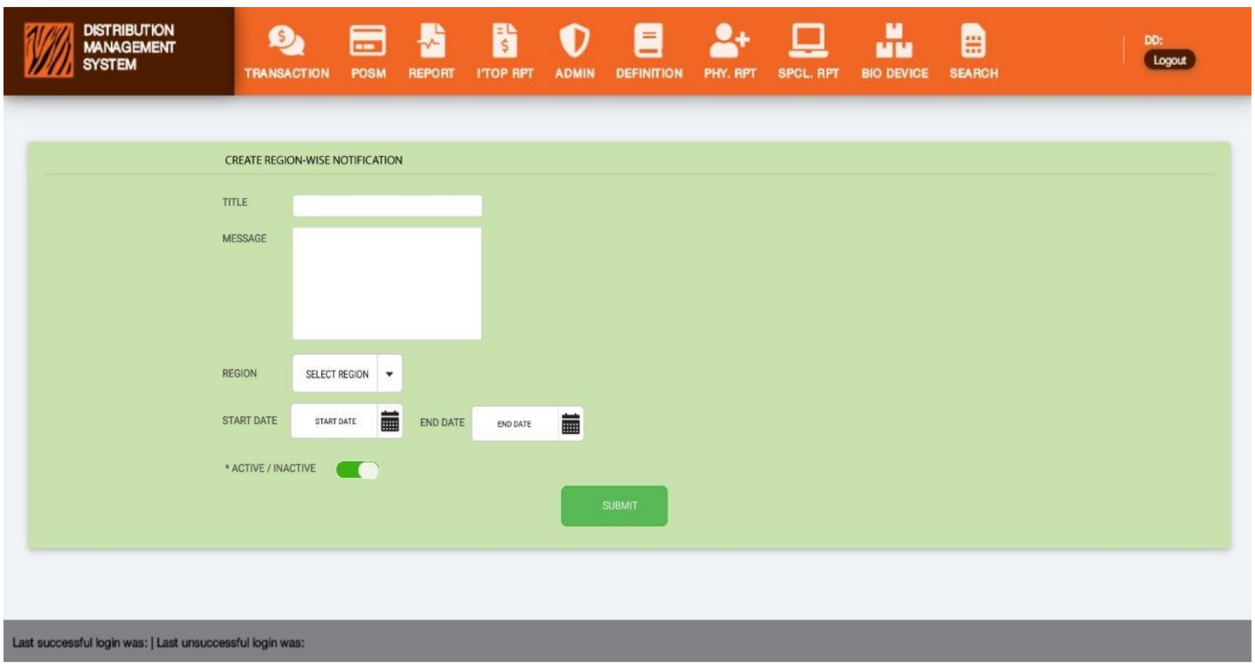
3. The user enters the notification content into a text box, which is the main body of the notification.
4. The user selects a region from a list of regions. Only users of the selected region will receive the notifications.
5. The user schedules the notification broadcast time by selecting the start date and time and the end date and time.
6. The user marks the created notification as active or inactive. Marking it as active permits the notification to be broadcast on the selected schedule.
7. The user saves the notification.

List view to view Title, Message, region, Start date time, end time.

Edit Option to update message, start date time, end time, Active On/Off.

This option can be merged in single page with other notification FR.

Creation (User Interface):

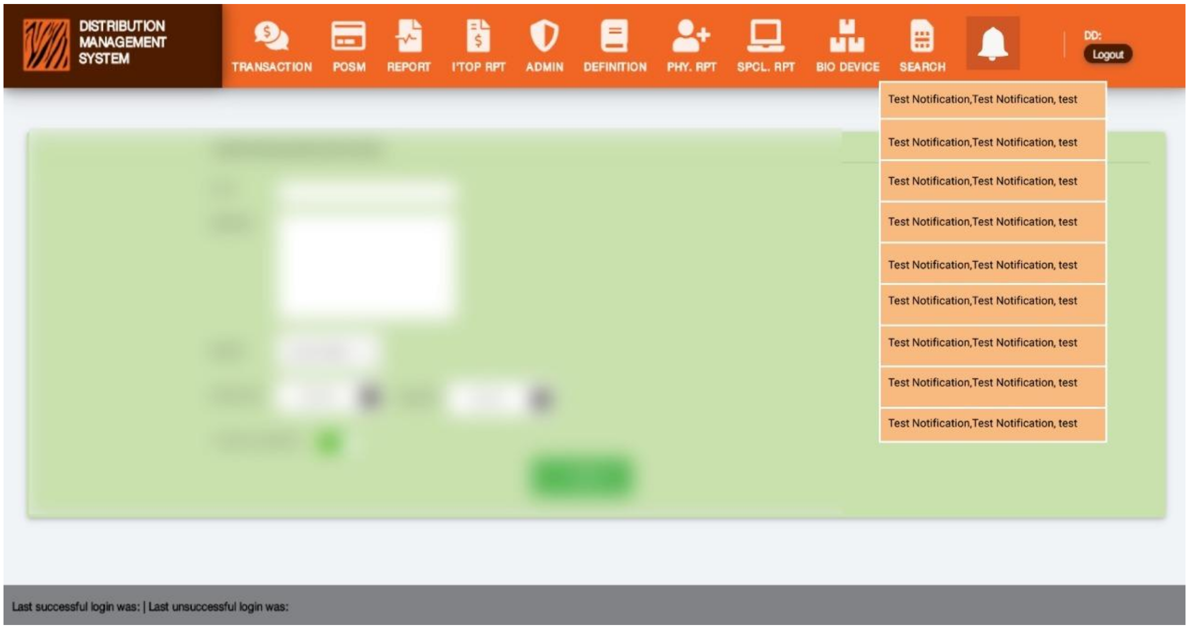


Rules/Validation:

1. Title – Mandatory field.
2. Message – Mandatory field.
3. Region – Mandatory Checkbox field. Message will be displayed only for specified Region user.
4. Start time – Mandatory field. Start time cannot be later than End time.
5. End time – Mandatory field. End time cannot be earlier than Start time.
6. Start Date – Mandatory Field. Cannot be earlier than current date-time. Cannot be later than 'End Date'.

7. End Date – Mandatory Field. Cannot be earlier than ‘Start Date’.
8. Is Active – Mandatory Radio-button Field.

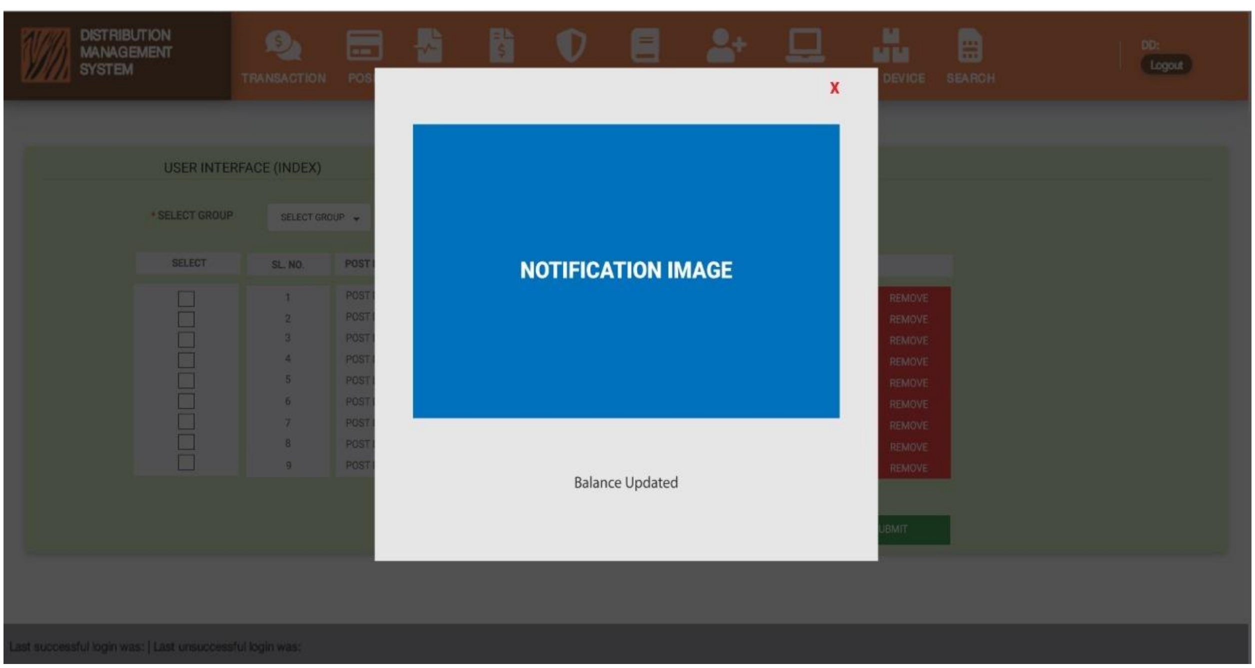
View (User interface)

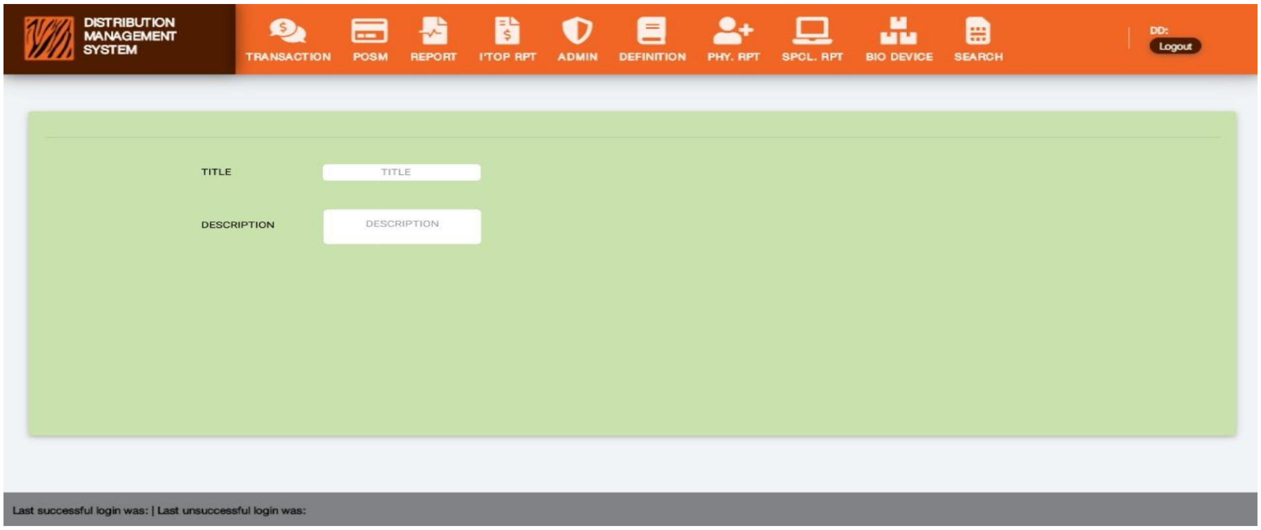


Rules/Validation:

- On Notification ‘bell’, Notification Title will be displayed
- After clicking on the title, the total notification will be displayed in separate panel. Suggestion: a side panel will appear with the title and detailed notification.

View (User interface for Notification)





3.13. Retailer App and Biometric App - Day wise & ID wise Usage Report

Ref: FR13 (Business Recruitments Document)

Retailer App and Biometric App day wise ID wise Usage report.

Report Format Retailer App: DD Code, Supervisor Name, RSO Code (RSO from RDB), SR Number, Retailer code, Date, itopup count, itopup amount, Amar Offer count, Amar Offer Amount, Usage duration, Activity count.

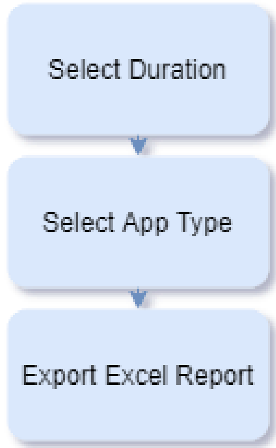
Report Format Biometric App: DD Code, Supervisor Name, RSO Code (RSO from RDB), SR Number, Retailer code, Date, New Connection, DD, SIM Swap, TOS, total transaction.

Direct Excel Export

Location: Special report

Filter: Duration (Date filtering), App Type.

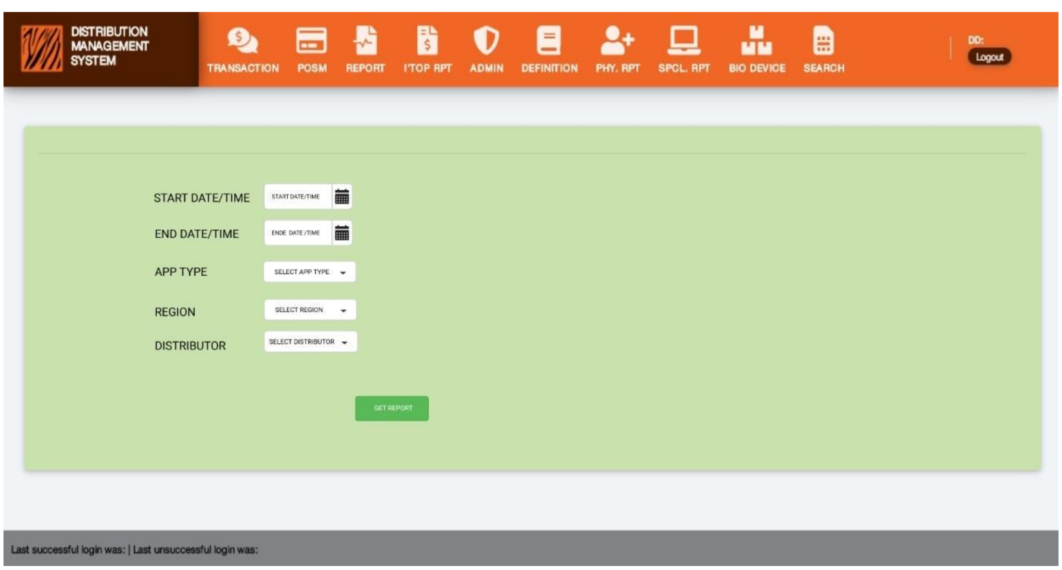
Workflow:



Workflow Description

1. Select Duration: The user will select the start and end date of the report.
2. Select App Type: The user will select the type of app the report will be generated for. Options are Retailer App and Biometric App.
3. Select region can be optional and multiple region can be selected if multiple region than distributor selection will be all, for Select Distributor All distributor will be default and user will also have option to select multiple distributor.
4. Export Excel Report: The user will download an excel file of the requested report.

User interface:



Report Format Retailer App

DD Code	Supervisor Name	RSO Code (RSO from RDB)	SR Number	Retailer code	Date	Supervisor Name	RSO Code (RSO from RDB)	SR Number	Retailer code

Date	itopup count	itopup amount	Amar Offer count	Amar Offer Amount	Usage duration	Activity count

Report Format Biometric App

DD Code	Supervisor Name	RSO Code (RSO from RDB)	SR Number	Retailer code	Date	New Connection	DD	SIM Swap	TOS	total transaction

Rules/Validation:

1. Start Date/time – Mandatory Field. Cannot be later than 'End Date/time'.
2. End Date/time – Mandatory Field. Cannot be earlier than 'Start Date/time'.
3. App Type – Mandatory Radio-button Field.

Dependency:
Based on data availability from source.

3.14. RSO App Report from SFTS Platform

Ref: FR14 (Business Recruitments Document)

Following reports need develop in DMS platform; currently it is developed in RSO App SFTS platform:

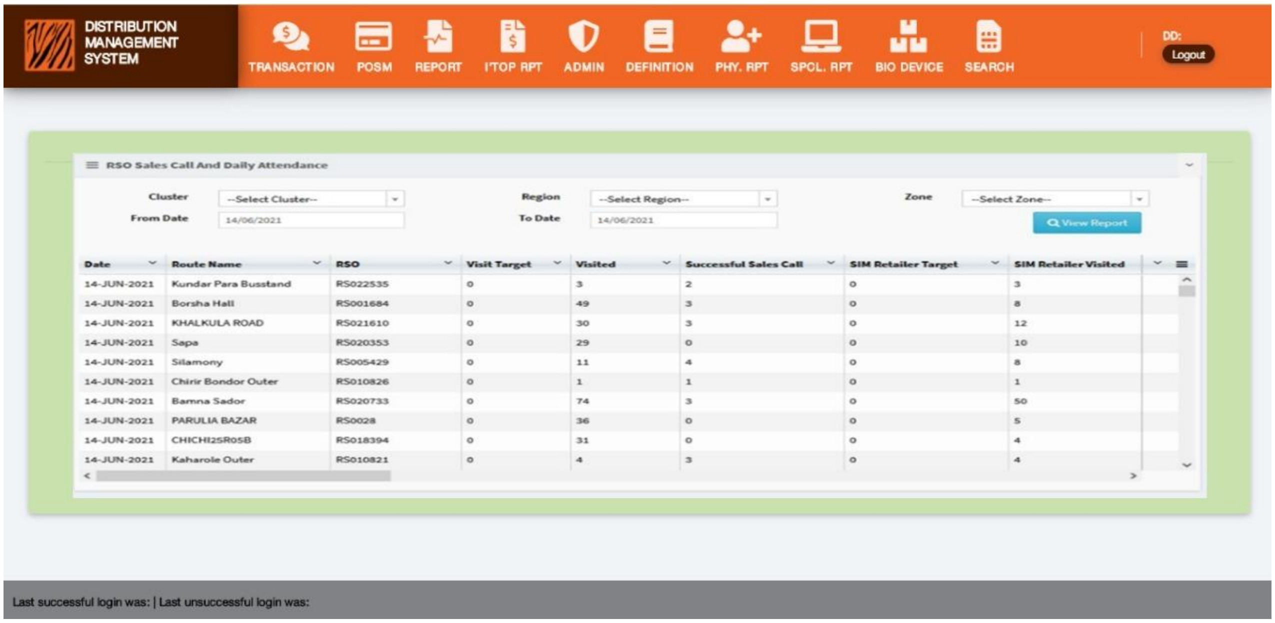
Reports:
1) Sales Call and Daily Attendance,
2) RSO Attendance & Path
3) RSO Target Vs Achievement
4) Notification on RSO Stock and Sales Section:

Filter: Date, Distributor, Region

Logic and Format is same as SFTS (1 to 3). Only in External module as per Distributor.

Location: Special report

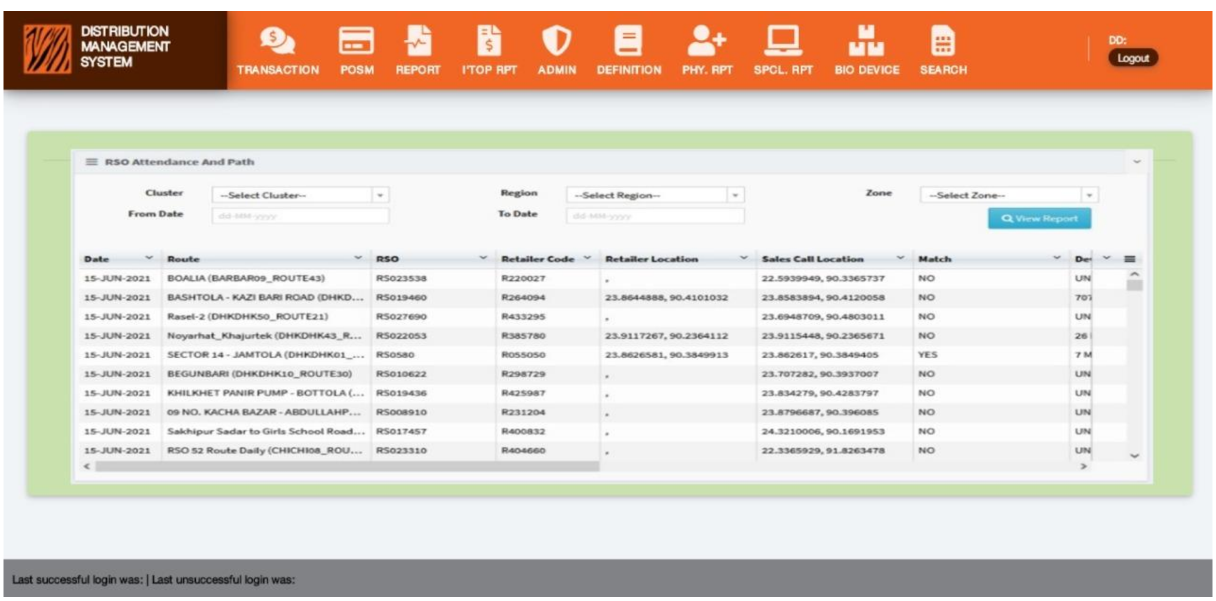
User interface Sales Call and Daily Attendance (1):



Rules/Validation:

- Develop this report in DMS as SFTS platform
- SP : **SP_FF_GET_SALS_CAL_DAILY_ATEN**

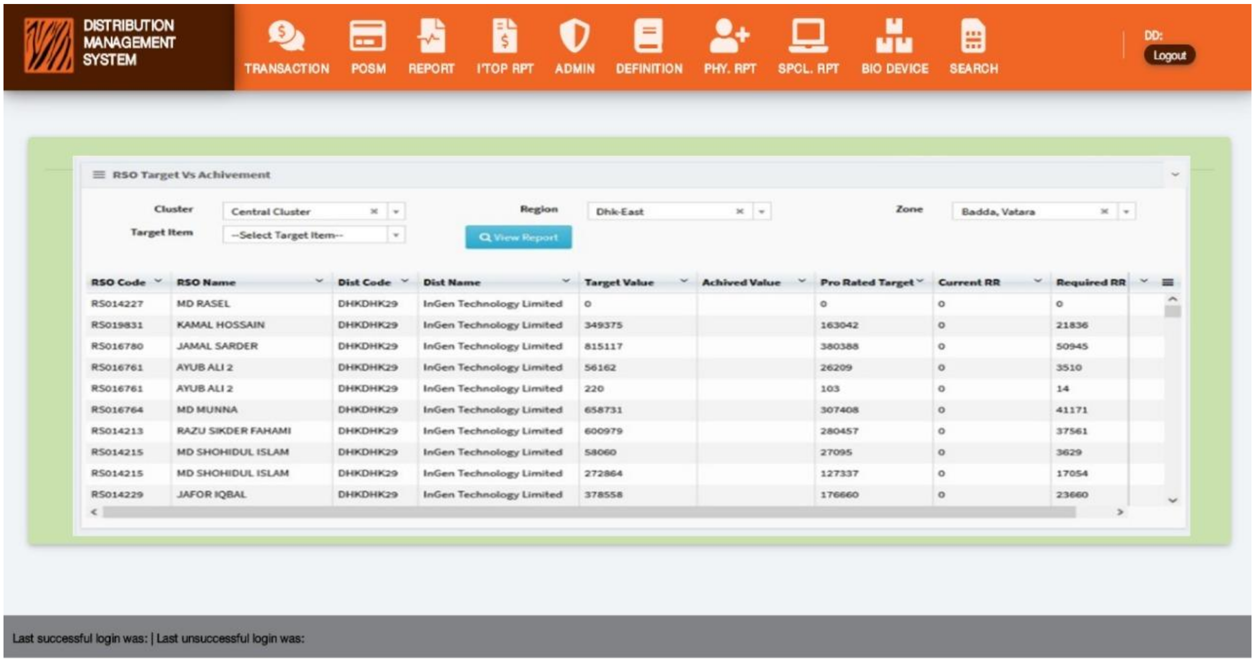
User interface RSO Attendance & Path (2):



Rules/Validation:

- Develop this report in DMS as SFTS platform
- SP Uses : **SP_FF_GET_RSO_ATTENDANCE_PATH**

User interface RSO Target Vs Achievement (3):



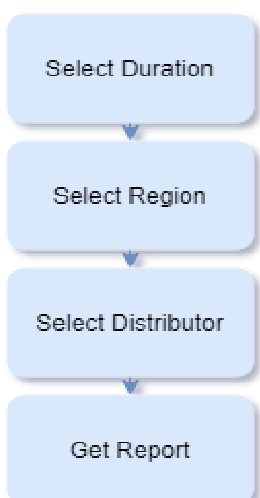
RSO Code	RSO Name	Dist Code	Dist Name	Target Value	Achived Value	Pro Rated Target	Current RR	Required RR
RS014227	MD RASEL	DHKDHK29	InGen Technology Limited	0		0	0	0
RS019831	KAMAL HOSSAIN	DHKDHK29	InGen Technology Limited	349375		163042	0	21836
RS016780	JAMAL SARDER	DHKDHK29	InGen Technology Limited	815117		380388	0	50945
RS016761	AYUB ALI 2	DHKDHK29	InGen Technology Limited	56162		26209	0	3510
RS016761	AYUB ALI 2	DHKDHK29	InGen Technology Limited	220		103	0	14
RS016764	MD MUNNA	DHKDHK29	InGen Technology Limited	658731		307408	0	41171
RS014213	RAZU SIKDER FAHAMI	DHKDHK29	InGen Technology Limited	600979		280457	0	37561
RS014215	MD SHOHIDUL ISLAM	DHKDHK29	InGen Technology Limited	58060		27095	0	3629
RS014215	MD SHOHIDUL ISLAM	DHKDHK29	InGen Technology Limited	272864		127337	0	17054
RS014229	JAFOR IQBAL	DHKDHK29	InGen Technology Limited	378558		176660	0	23660

Rules/Validation:

- Develop this report in DMS as SFTS platform
- SP Uses : **SP_FF_GET_RSO_TARGET_ACHIVE**

Notification on RSO Stock and Sales Section (4)

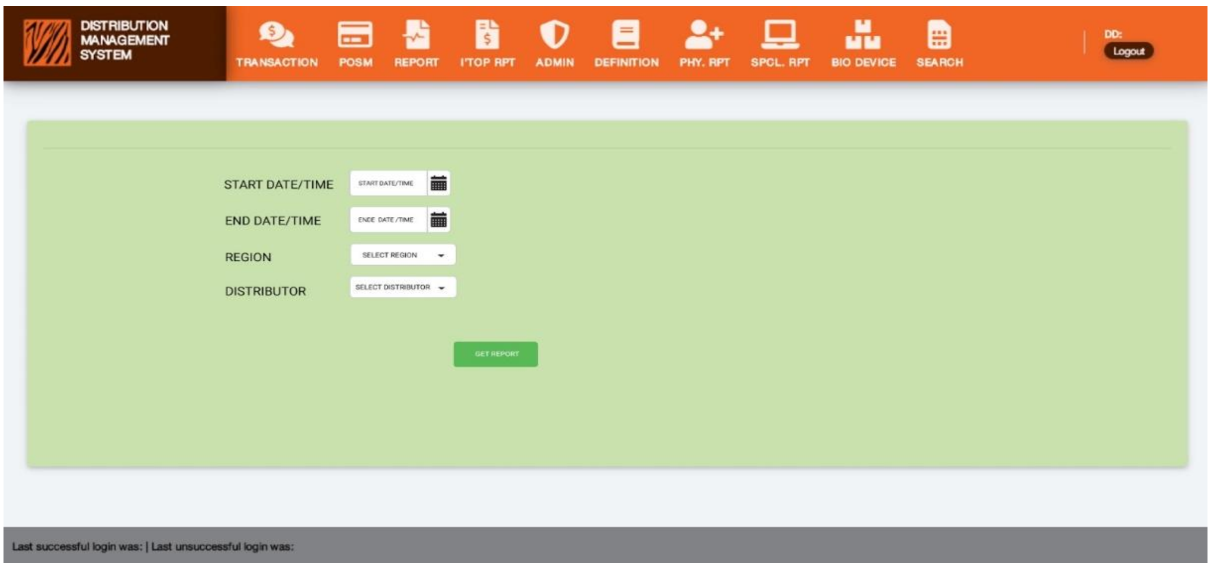
Workflow Diagram:



Workflow Description:

1. Enter Duration: The user will specify the start date and end date of the report.
2. Select Cluster: The user will select the Cluster for the report (Internal)
3. Select Region: The user can choose one or multiple Region. (Internal)
4. Distributor automatically selected as per user – distributor mapping (External)
5. Get Report: The user will download the report in excel.

Report Interface



Rules/Validation:

1. Start Date/time – Mandatory Field. Cannot be earlier than current date-time. Cannot be later than 'End Date/time'.
2. End Date/time – Mandatory Field. Cannot be earlier than 'Start Date/time'.
3. Cluster - Report can be filtered by cluster.
4. Region - Report can be filtered by All Region or Selected Region. If Region is selected only respective Distributor data will be shown in the Distributor list also in report data.
5. Distributor – Report can be filtered by all distributor or Selected Distributor. If Region is selected only respective Distributor data will be shown in report data.

Report Format:

A report will be made available in DMS with details on RSO wise lifting vs sales.

- **Details**: Date, region, distributor, Supervisor code, RSO code, SR number, SIM Price, SIM Qty (Lifting), SIM Qty (sales), SC Price, SC Lifting, SC sales, itopup Lifting, itopup sales.
-

Date	Region	Distributor Code	Supervisor code	RSO code	SR Number	SIM Price	SIM Qty (Lifting),	SIM Qty (sales)	SC Price	SC Lifting	SC sales	itopup Lifting	itopup sales

- **Summary**: Region, Distributor, RSO Code, supervisor code, Month, SIM Target, SIM Lifting, SIM Sales, SC target, SC Lifting, sc sales, itopup target, itopup lifting, itopup sales

Month	Region	Distributor Code	Supervisor code	RSO code	SR Number	SIM Target	SIM Lifting	SIM Sales	SC target	SC Lifting	SC sales	itopup target	itopup lifting	itopup sales

3.15. Usage Report

Ref: FR15 (Business Requirements Document)

It is Report, ongoing report delivered by BI team. Facilitate in DMS directly now its develop in DMS Platform

Rules and Validation:

- 3-month record preserve and daily refresh direct replace of old data

Filter: FCD Date (Report will be viewed based on DWH received data and no logic will be implemented at DMS end.

Dependency

- DWH

Location: Physical report

Report Header: Distributor Code, Supervisor Name, RSO Code, SR Number, Retailer Code, retailer I'top-up number, Customer MSISDN, Bio Date, FCD Date, 1st FR Amount, Usage Amount, 1st FR Date, 2nd FR Date, LCD;

Report Format

Distributor Code	Supervisor Name	RSO Code	SR Number	Retailer Code	retailer I'top-up number	Customer MSISDN	Bio Date	FCD Date	1st FR Amount	Usage Amount	1st FR Date	2nd FR Date	LCD

3.16. Content Upload

Ref: FR16 (Business Requirements Document)

Description:

Option to upload and manage multimedia content and control the viewing of content by marking as active/inactive. Content formats are as follows:

1. Audio
2. Video

3. APK
4. PDF

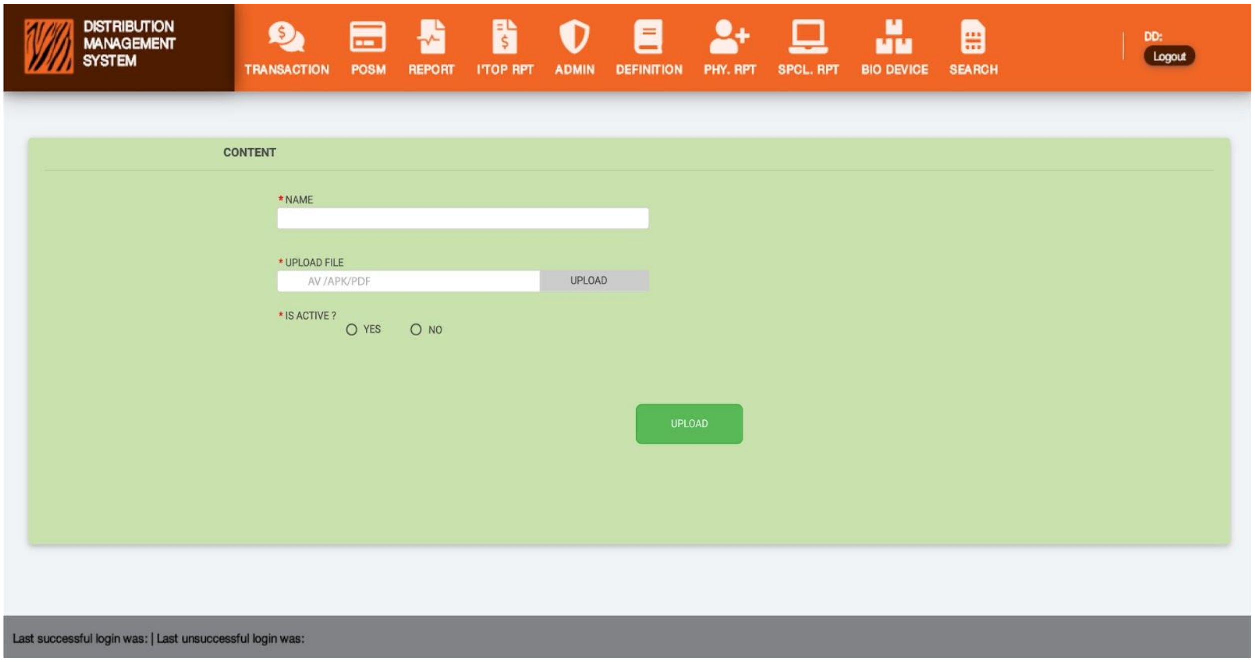
Content size fille me around 30 MB for APK and 10-50 MB for Audio & Video. Content that is uploaded must be downloadable by multiple users at the same time.

Content Upload Workflow:

Workflow Description:

1. The user will select upload content from the communication option
2. The user will write the title of the content being uploaded
3. The user will click on upload and upload the content from their local PC
4. The user will select the active option to publish the content or leave it unchecked to keep it marked as an inactive draft.
5. The user will click the green upload button to confirm the upload.

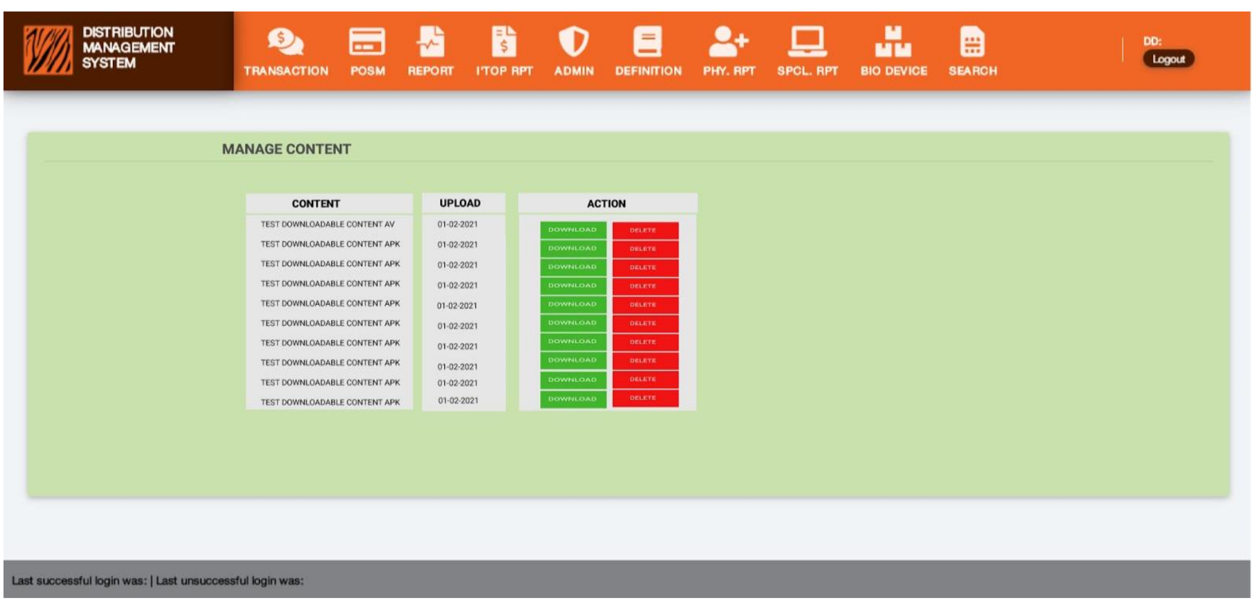
Content Upload User Interface:



Rules/Validation:

- Name – Mandatory Field.
- Upload file – Mandatory Field.
- APK file size cannot be larger than 30 MB.
- AV file size cannot be larger than 50 MB.
- Is Active – Mandatory Radio-button Field.
- Edit option to change isactive to NO.

Manage Content User Interface:



<u>View Content User Interface:</u>

<u>Rules and Validations</u>

- Only Active Content Shown
- Latest Content Shown on top
- Multi user download at the same time supported

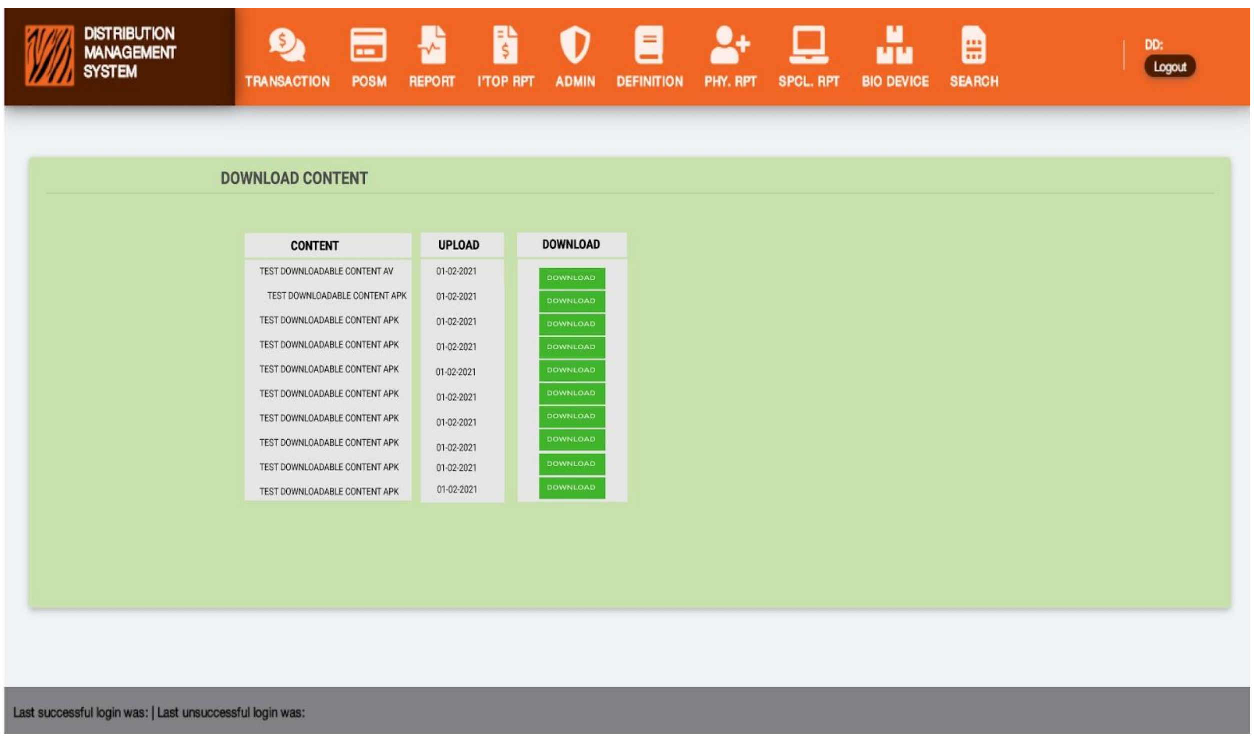
3.17. Scheduled Transfer to and RSOs stock balance (External DMS)

Ref: FR17 (Business Requirements Document)

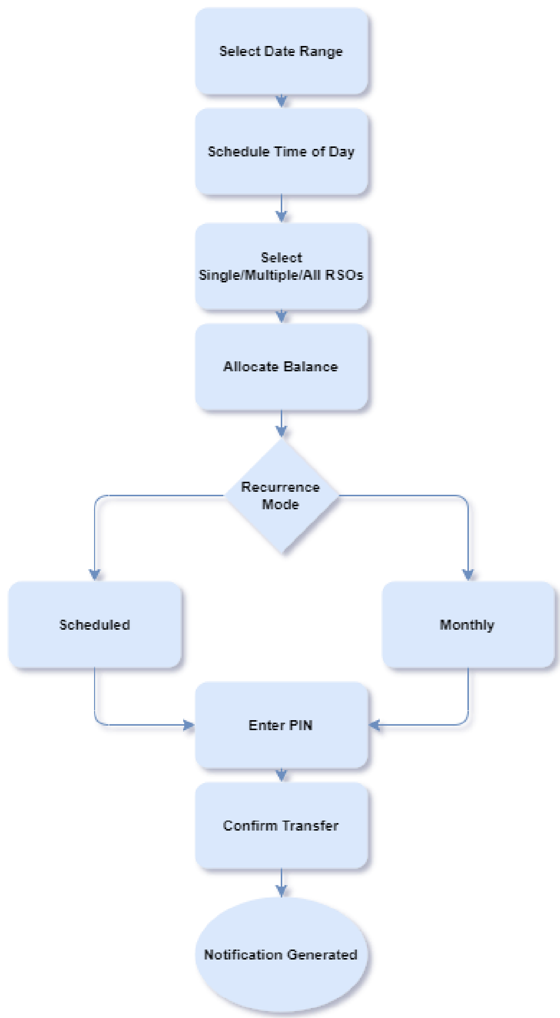
Description:

Features to issue stock balance to RSOs, receive notifications and receive returns.

<u>Workflow:</u>



<u>Schedule Transfer to RSO:</u>



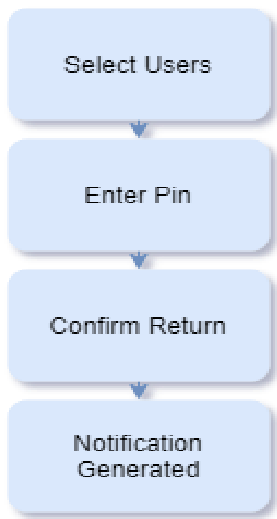
1. Select Date Range: The user will select the Start Date and End Date for which defines the duration of the transfer schedule.
2. Schedule Time of Day: The user will select the time of day when the transfer will take place.
3. Select Single/Multiple/All RSOs: The user will select one, several or all RSOs by clicking on the checkboxes. These are the RSOs for whom the transfers will be valid.
4. Allocate Balance: The user will allocate the balance to the select RSOs for select days of the week. The balance will be transferred to the selected RSO on the day of the week that is selected.
5. Select Recurrence Mode: The user will select one of two options for the recurrence of the transfer schedule.
    a. Scheduled: If the scheduled option is selected, the transfer will repeat on the days that have balances allocated to them for the duration of the Start Date and End Date period. For example, if an RSO is assigned a scheduled balance for Sunday

and Monday, the RSO will receive the balance on every Sunday and Monday automatically until the End Date.

b. Monthly: This mode allows the selected RSO to receive a balance on selected days, once in a month. The cycle repeats every month. For example, if an RSO is allocated a balance on Sunday and Monday, he will receive the balance first on the next occurring Sunday and Monday and then will receive the balance again on the first Sunday and Monday that occurs in the next month. This process will cycle until the End Date is reached.

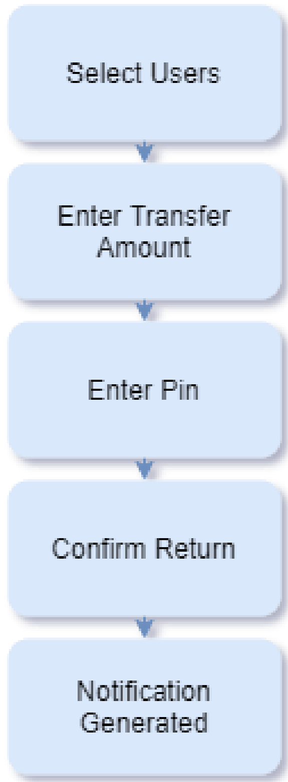
6. Enter Pin: The user will enter the pin to authorize the transfer.
7. The user will click on submit and this will confirm the transfer. All transfers will be shown on the transfer list where the user can edit or cancel them.
8. Notification Generated: Notifications for all events like this will be generated as per user hierarchy.

Balance Return:



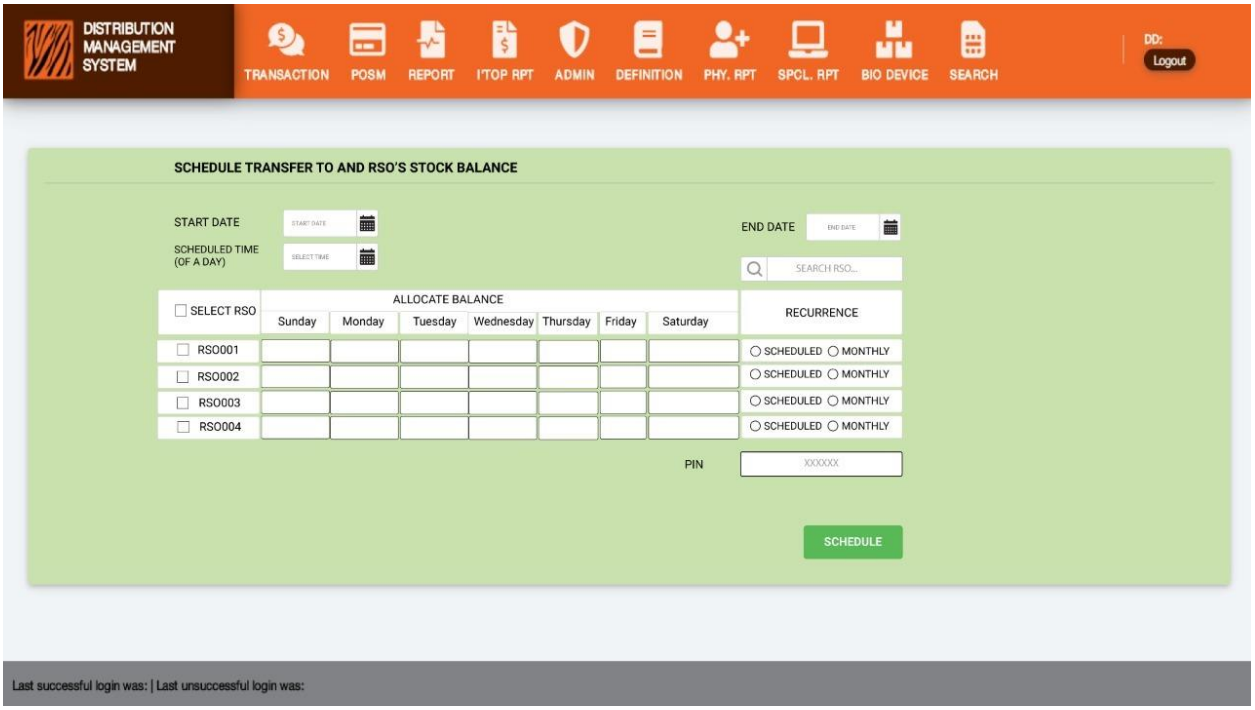
1. Select Users: The user will go to the return section where he can see the RSOs who have pending returns. The user will select the RSOs from whom the returns will be taken.
2. Enter PIN: The user will enter the EV PIN number.
3. Confirm Return: The user will click submit and the return will complete.
4. Notification Generated: Notifications for all events like this will be generated as per user hierarchy.

Balance Return (Custom Amount):

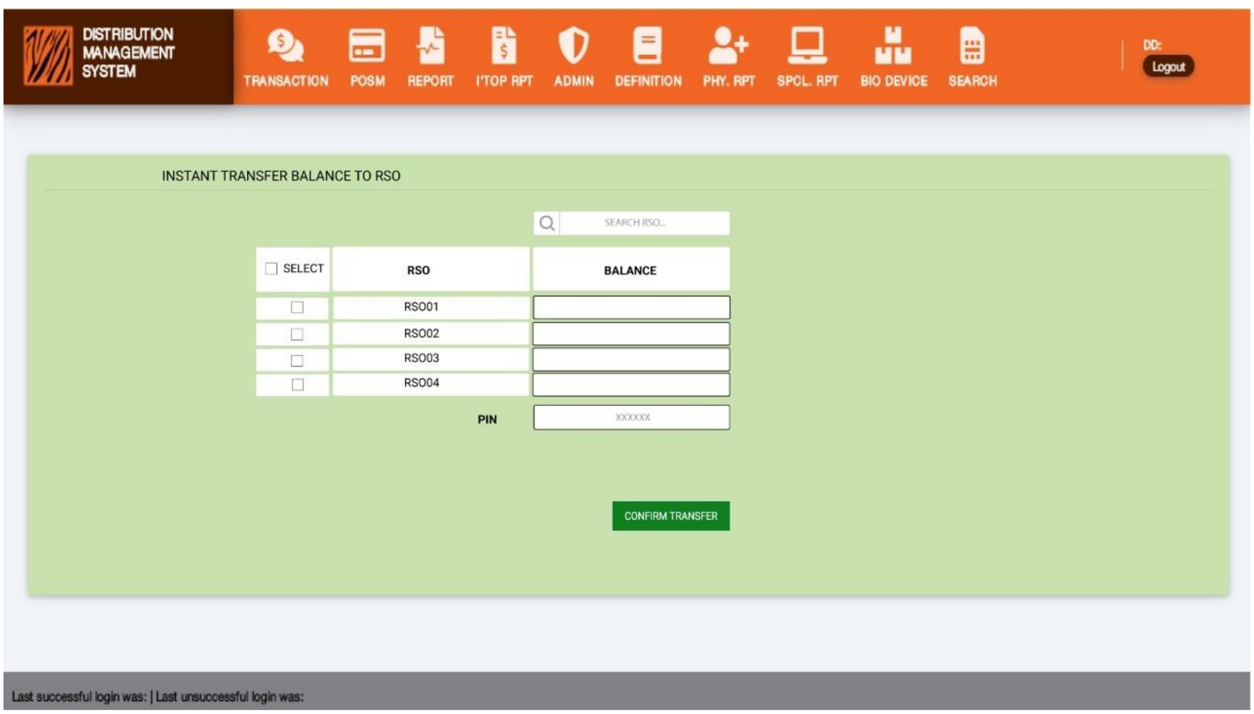


1. Select Users: The user will go to the return section where he can see the RSOs who have pending returns. The user will select the RSOs for whom the returns will be taken.
2. Enter Transfer Amount: The user will enter the transfer amount which will be returned from the RSO to the Distributor.
3. Enter PIN: The user will enter the EV pin.
4. Confirm Return: The user will confirm the transfer and the return of the specified amounts will complete.
5. Notification Generated: Notifications for all events like this will be generated as per user hierarchy.

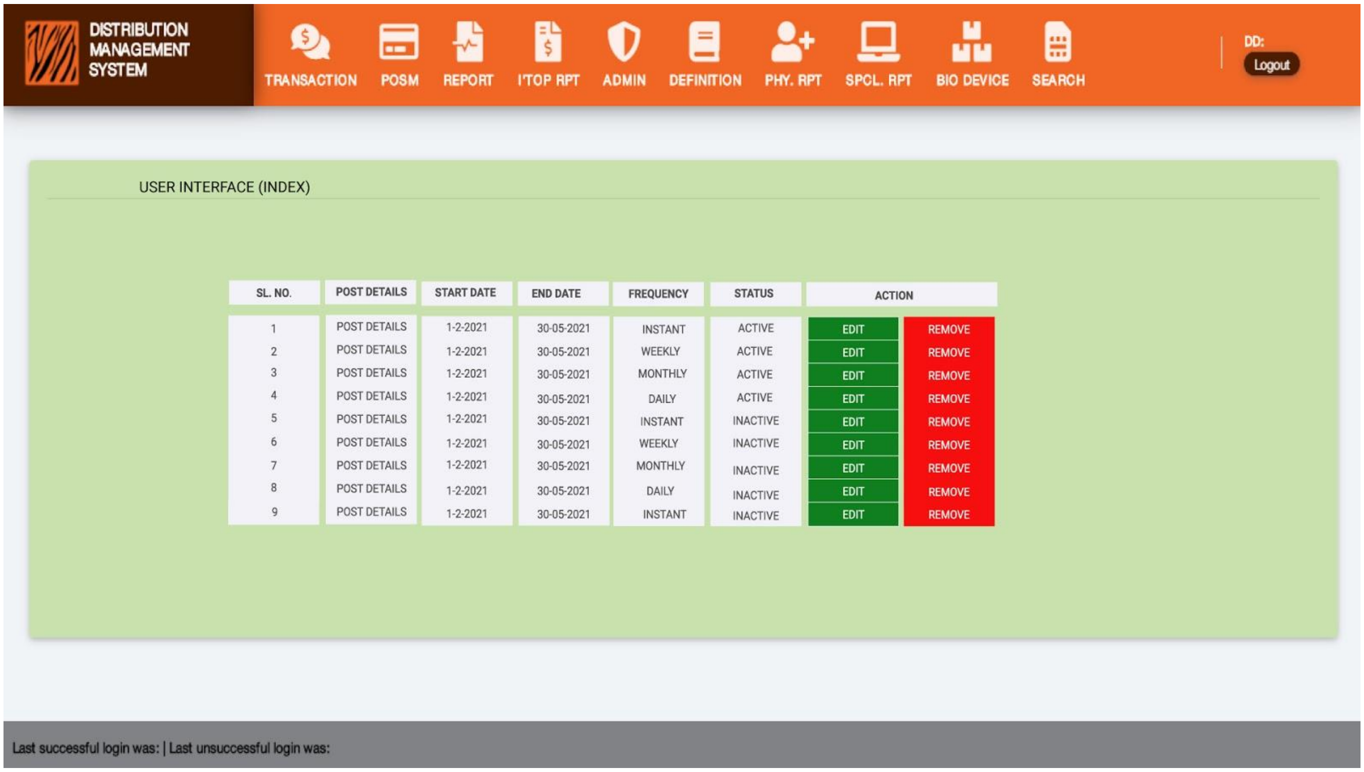
User Interface for Schedule Transfer creation:



Instant Balance Transfer UI

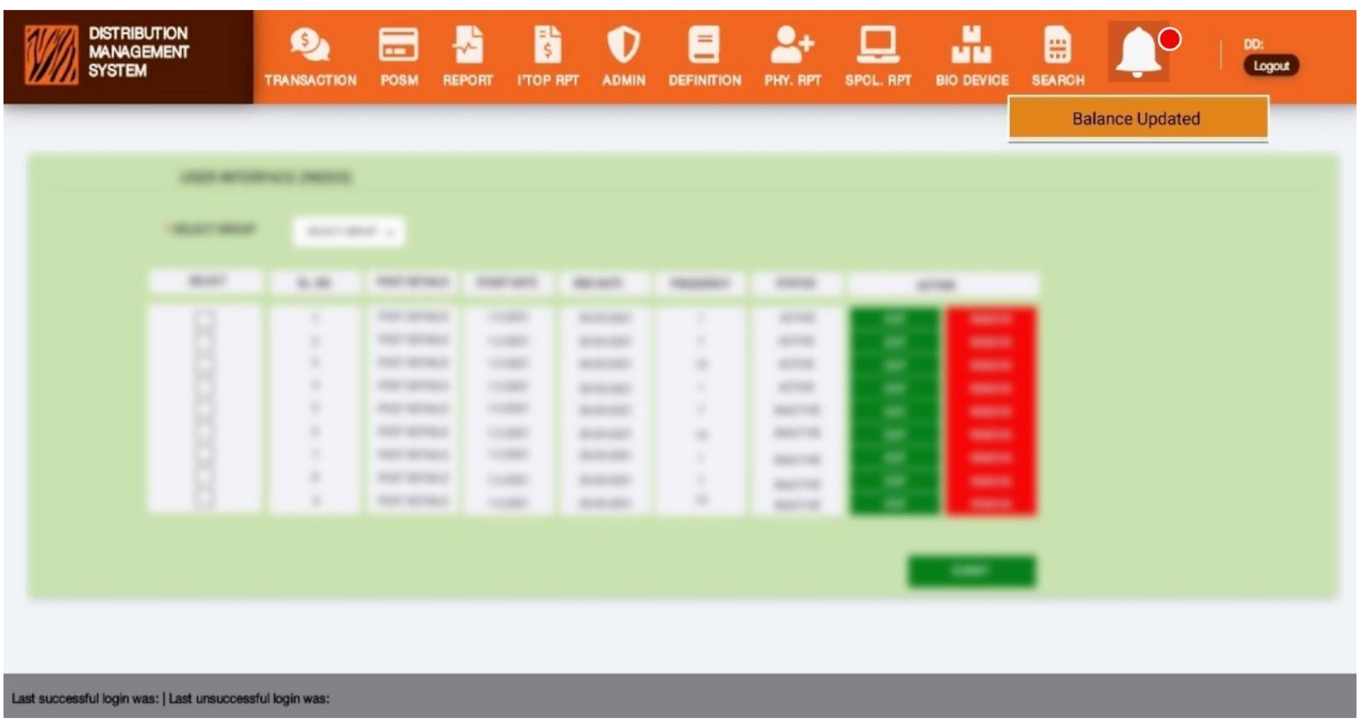


User Interface for Schedule Transfer View:

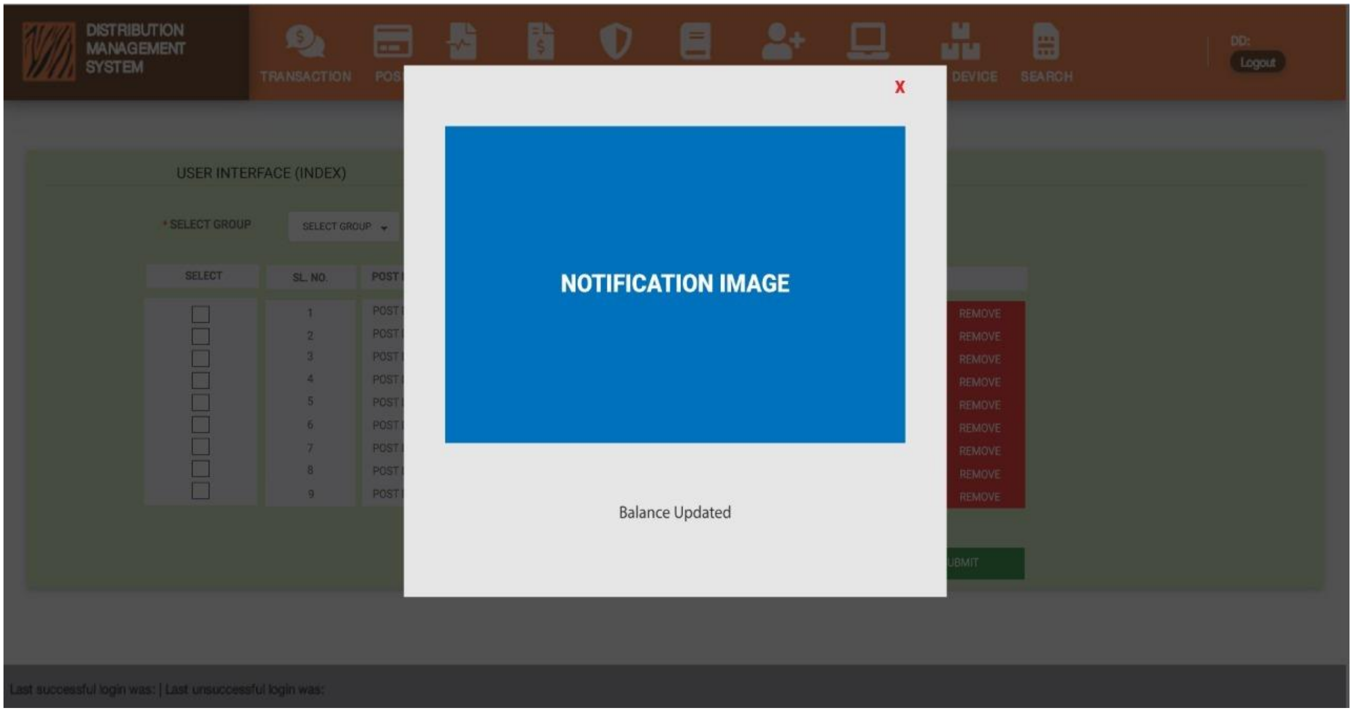


SL. NO.	POST DETAILS	START DATE	END DATE	FREQUENCY	STATUS	ACTION	
1	POST DETAILS	1-2-2021	30-05-2021	INSTANT	ACTIVE	EDIT	REMOVE
2	POST DETAILS	1-2-2021	30-05-2021	WEEKLY	ACTIVE	EDIT	REMOVE
3	POST DETAILS	1-2-2021	30-05-2021	MONTHLY	ACTIVE	EDIT	REMOVE
4	POST DETAILS	1-2-2021	30-05-2021	DAILY	ACTIVE	EDIT	REMOVE
5	POST DETAILS	1-2-2021	30-05-2021	INSTANT	INACTIVE	EDIT	REMOVE
6	POST DETAILS	1-2-2021	30-05-2021	WEEKLY	INACTIVE	EDIT	REMOVE
7	POST DETAILS	1-2-2021	30-05-2021	MONTHLY	INACTIVE	EDIT	REMOVE
8	POST DETAILS	1-2-2021	30-05-2021	DAILY	INACTIVE	EDIT	REMOVE
9	POST DETAILS	1-2-2021	30-05-2021	INSTANT	INACTIVE	EDIT	REMOVE

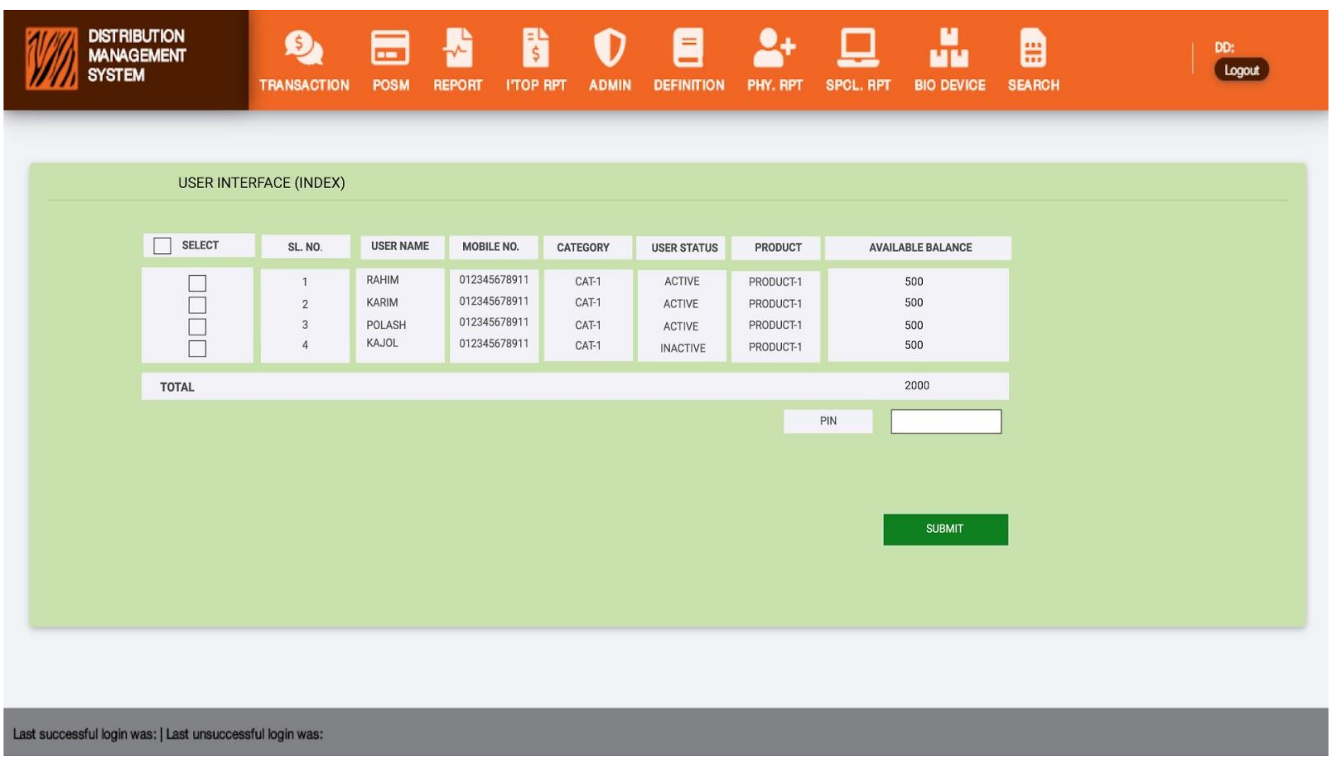
<u>User Interface for Schedule Transfer and Notification:</u>



<u>User Interface for Notification View</u>



User Interface for Balance View and Return for Full



User Interface for Partial Return

Report format for Transfer Enquiry

Transfer ID	Transfer date & time	Sub service	Product name	Sender name	Sender mobile number	Receiver mobile number	Transfer value	Request source	Txn status	Error message	Serial number	Reversal ID

Rules & Validation

1. Start Date/time – Mandatory Field. Cannot be earlier than current date-time. Cannot be later than 'End Date/time'.
2. End Date/time – Mandatory Field. Cannot be earlier than 'Start Date/time'.
3. Schedule will be valid ONLY for defined time.
4. At least one RSO must be selected to allocate / schedule any balance.
5. Recurrence – Mandatory Field. Need to specify if allocation is scheduled or instant.
6. For a defined time range if 'Instant' is selected, Balance will allocate for a particular day only ONCE.
7. For a defined time range if 'Scheduled' is selected, Balance will allocate as many times the day of the week appear in the time range.

8. For a defined time range if 'Monthly' is selected, Balance will allocate only once in a month at the defined day in the time range.
9. At least one RSO must be selected to return balance.
10. All available balance on RSO can be returned to the mother SIM in FULL or Partial basis.
11. Wrong allocation should be checked by user.
12. Return amount cannot exceed available amount in any case.

- For instant transfer Input will be RSO selection and balance allocation.

- ++Specify a Start time in this format: YYYY-MM-DDTHH:MM:SSZ. If user specifies schedule or recurrence under Frequency, need to specify the time of day when the flow should run. If you specified Day under Frequency, specify the time of day when the flow should run. For example, configure the options as shown to start a flow on Saturday, January 1, 2022, at 8:30 AM.

- Add Week option under recurrence.

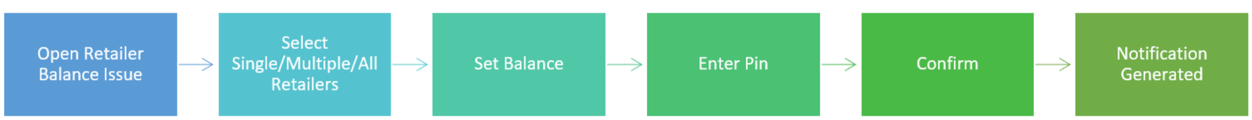
- For schedule or recurrence instead of "confirm Transfer" the event will be scheduled.

3.18. Scope of issuing to respective retailers bypassing RSO

Ref: FR18 (Business Requirements Document)

Description: Features to directly issue balance to retailers and migrate them.

<u>Workflow:</u>

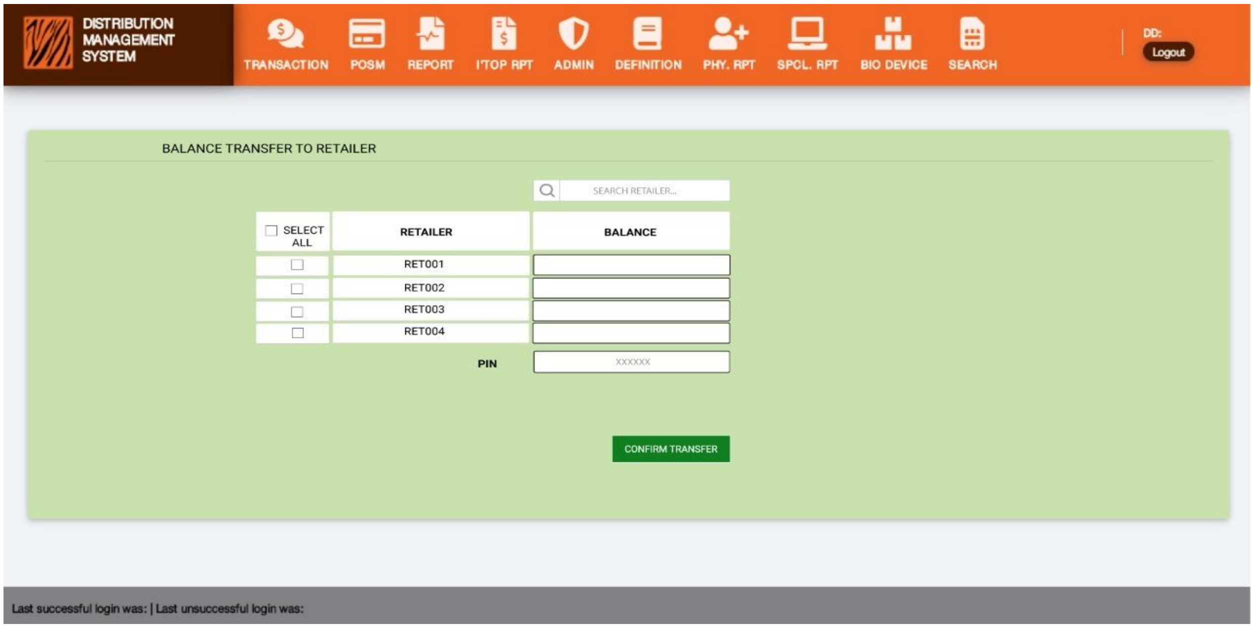


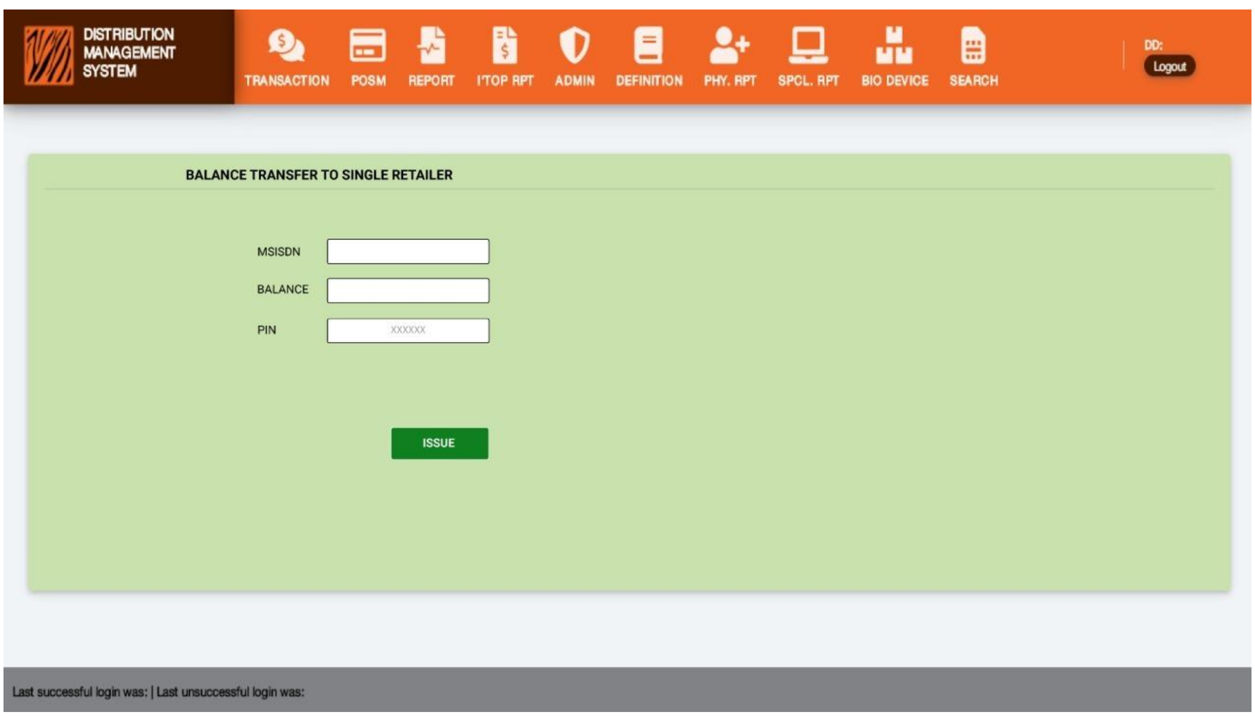
<u>Directly Issue Balance to Retailer:</u>

1. Open Retailer Balance Issue: The user will go to the Issue Balance section for the retailer.
2. Select Single/Multiple/All Retailers: This is used to select retailers in bulk.
3. Set Balance: The user will view a list of retailers with balance fields beside the retailer names. The user will enter the balance to be issued to every specific retailer.
4. Enter Pin: The user will enter his PIN.
5. Confirm: The user will click submit to confirm the balance issuance.

6. Notification Generated: Notifications for all events like this will be generated as per user hierarchy.

Interface for Issue Balance to Retailer

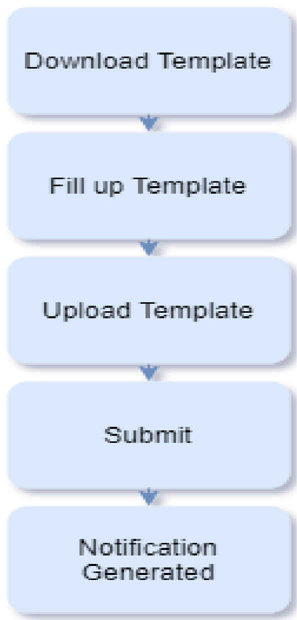




Report Format for Real-time Stock Balance

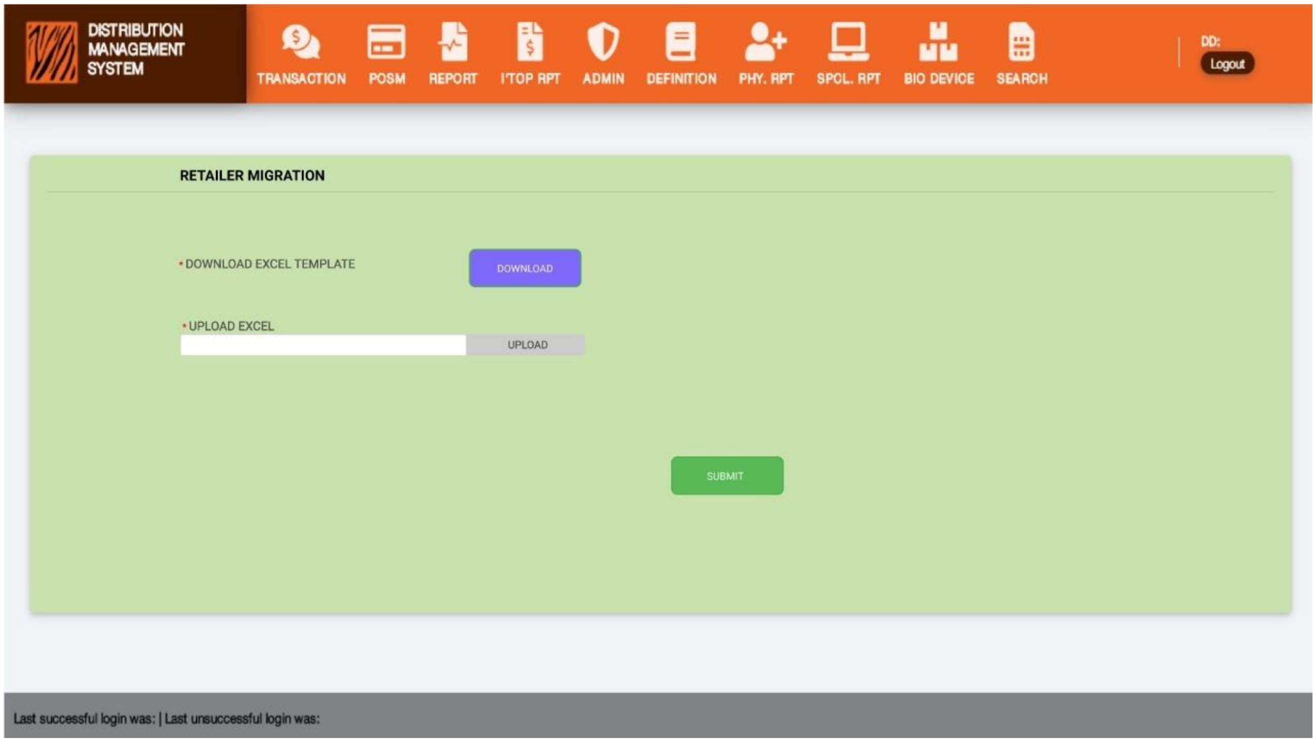
Retailer Code	Retailer Name	Retailer MSISDN	User Type	User Category	Product Name	Retailer Balance	Parent/RSO Name	RSO MSISDN	Distributor Code

Retailer Migration: (depends on EV API Availability)



1. Download Template: The user will enter the Retailer Migration section and download an excel template that contains a list of all retailers under the user's RSOs.
2. Fill up Template: The user will fill up the template with the New RSO Codes (the RSO where the retailer will be migrated). This can be done for one, several or all retailers in the template.
3. Upload Template: The user will upload the filled in template and click the upload button.
4. Submit: The user will click submit and confirm the migration.
5. Notification Generated: Notifications for all events like this will be generated as per user hierarchy.

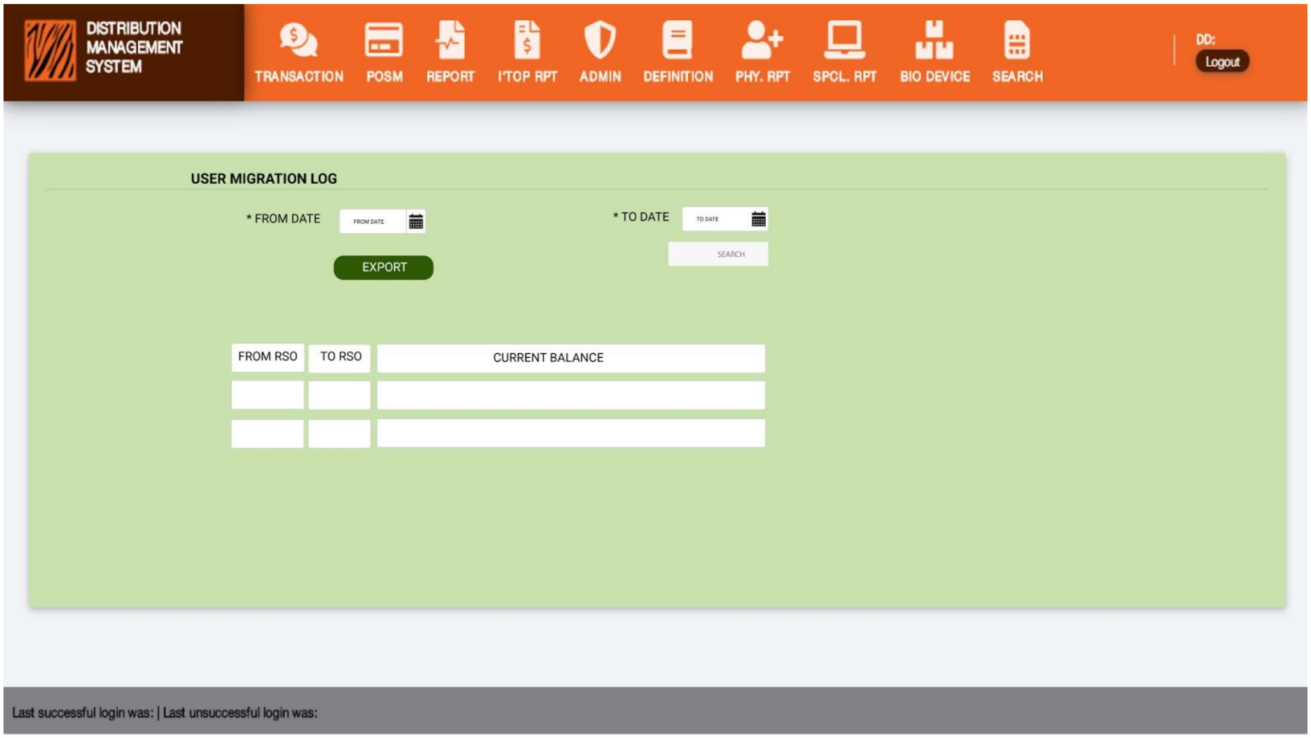
User Interface for Retailer Migration:



Excel Format for Retailer Migration

Existing RSO CODE	Retailer Code	Retailer Name	New RSO Code
RSO1	RET1	Retailer	
RSO2	RET2	Retailer	
RSO3	RET3	Retailer	
RSO4	RET4	Retailer	

User Interface for Retailer Migration Log View:



Rules & Validation

1. Start Date/time – Mandatory Field. Cannot be earlier than current date-time. Cannot be later than 'End Date/time'.
2. End Date/time – Mandatory Field. Cannot be earlier than 'Start Date/time'.
3. Distributor can allocate balance to Retailer (i-top up seller) directly.
4. Balance will be allocated to the retailer instant basis.
5. At least one retailer must be selected to allocate balance.

- Add enter EV PIN
- Make different flows for transferring to the Single and multiple retailers
- Add filter/search option in respective UI for Retailer, RSO search.
- Make different flows for transferring to the Single and multiple retailers

3.19. Scope of EV reports or transactional reports extractions in real-time or highest possible frequency for the DD with available filtering option of fields

Excel report format: (based on data availability from DWH)

1. C2C EV report

Owner Profile	Parent Profile	From User Id	To User Id	From User	From Msisdn	To User	To Msisdn	Transfer Id	Transfer Sub Type	Transfer Type	Transfer Date	Modified ON	Product Name	Transfer Mrp	Payable Amount	Payable Amount	Status	MRP
Milon Enterprise (1915300105)	Milon Enterprise (1915300105)	BDDE0000770839	BDDI0000769008	SR-10	1941004097	Milon Enterprise	1915300105	CW210606.0059.240001	Withdraw	C2C	6/6/2021	12:59:44 AM	eTop UP	2998	2998	2998	Close	2998
Milon Enterprise (1915300105)	Milon Enterprise (1915300105)	BDDE0000770839	BDDI0000769008	SR-10	1941004097	Milon Enterprise	1915300105	CW210606.0058.210001	Withdraw	C2C	6/6/2021	12:58:07 AM	eTop UP	26621	26621	26621	Close	26621

Commission	Commission Quantity	Credit Quantity	er Debit Quantity	Tax 3 Value	Tax 2 Value	er Category Code	ver Category Code	er Category Name	er Category Name	SOURCE	User geo	To owner Geo	User Geo	m Owner Geo	From ExtCode	To ExtCode
0	0	2998	2998	0	0	DELR	DIST	Dealer	Distributor	SMS	ZO	ZO	SAR	ZO	1941004097	1915300105
0	0	26621	26621	0	0	DELR	DIST	Dealer	Distributor	SMS	ZO	ZO	SAR	ZO	1941004097	1915300105

2. C2S EV reports.

Transaction Id	Transfer Time	Request Source	User Name	Sender Mobile No.	Sender Mobile Type	Receiver Mobile No.	Service Class	Service	Currency Detail
R210606.0900.240003	9:00:00 AM	EXTGW	Maksud Store Maksud Store	1902694473	Y	1993942192	ALL	Customer Recharge	
R210606.0900.230002	9:00:00 AM	EXTGW	MS D Telecom	1915306022	Y	1404307560	ALL	Customer Recharge	

External Code	Sub Service	Reference ID	Requested Amount	Credit Amount	Bonus	Process Fee
R377370	CVG	8.82E+18	29	29	0	0
1915306022	CVG	6.61E+18	68	68	0	0

Dependency:

Data availability from DWH source.

3.20. Modification in Merchandiser/POSM Option

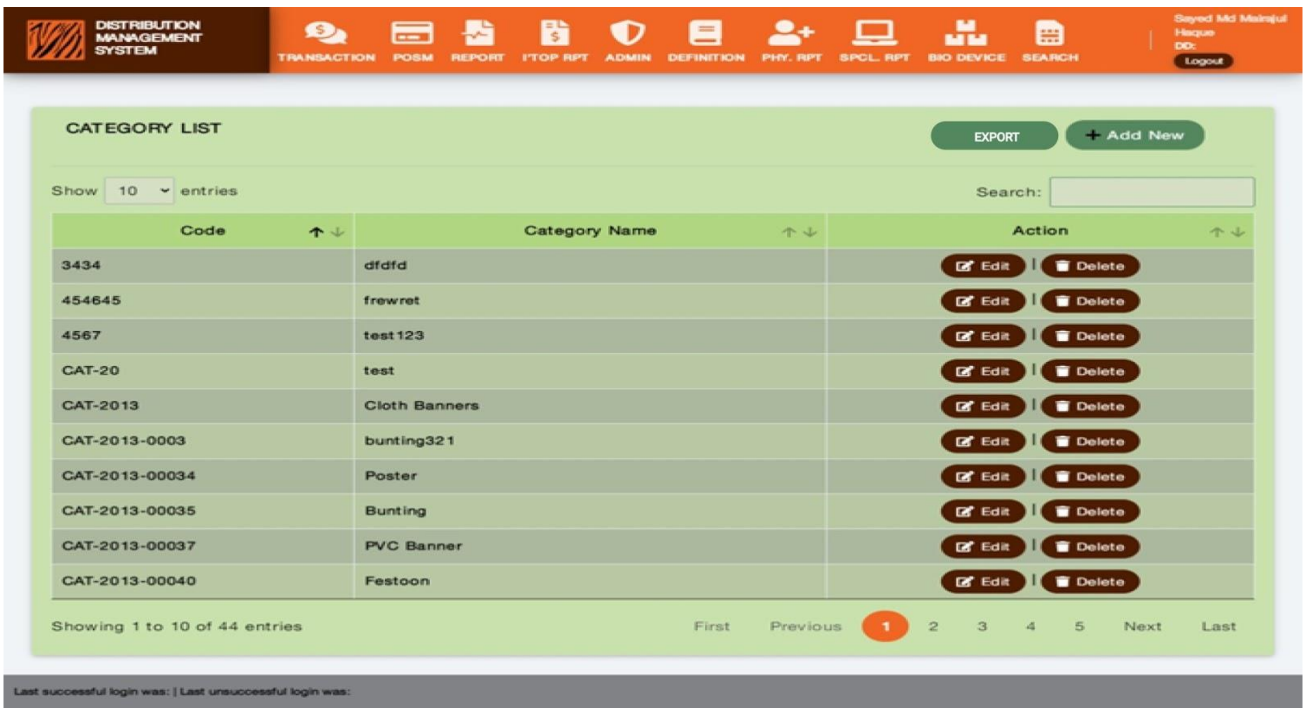
Ref: FR20 (Business Requirements Document)

Description:

Modification in Merchandiser/POSM option:

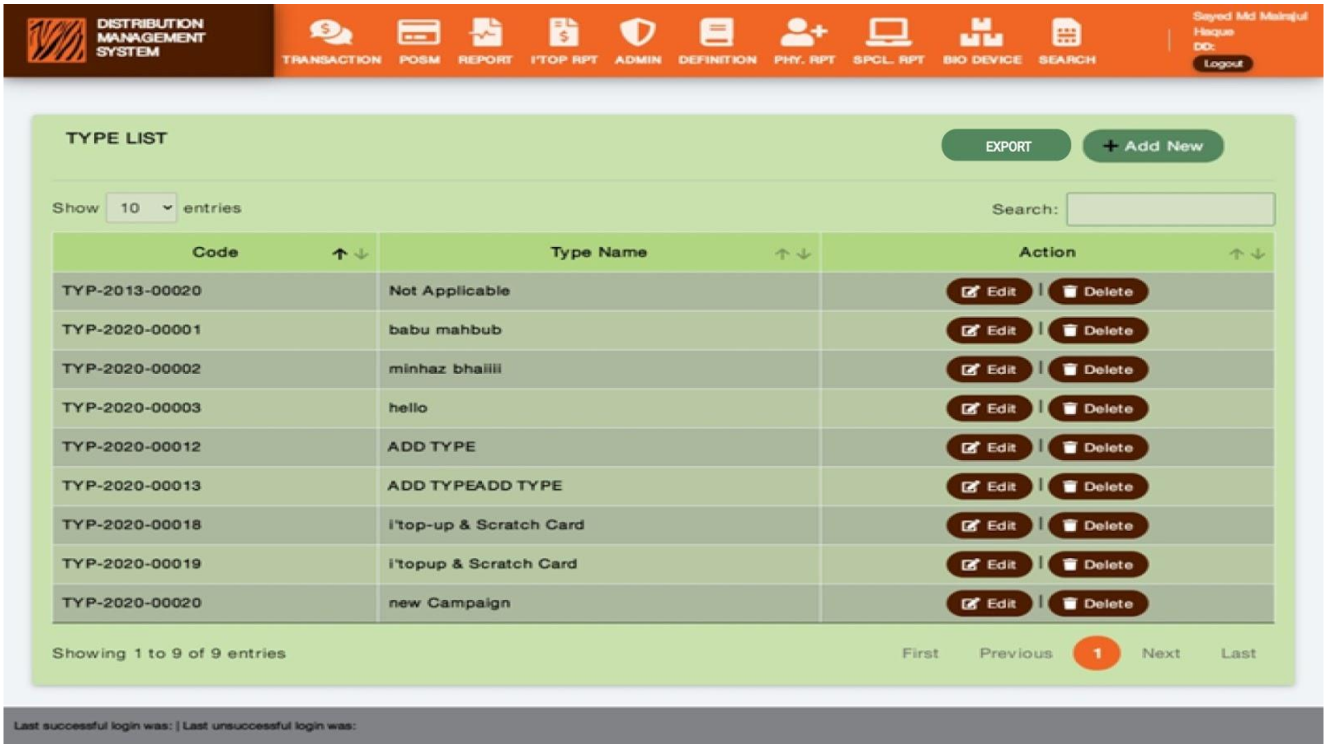
1) Excel list generate for options: Category Setup, Type setup, Service setup, material setup, size setup, outlet setup, artwork setup, item setup.
2) Report modification: Transaction = Transaction date; Total Issue = Total Issue to Distributor; Total Receive = Total Received by Distributor; Exclude Last column
3) RSO App and DMS Merchandiser table synch

<u>User Interface for Category:</u>



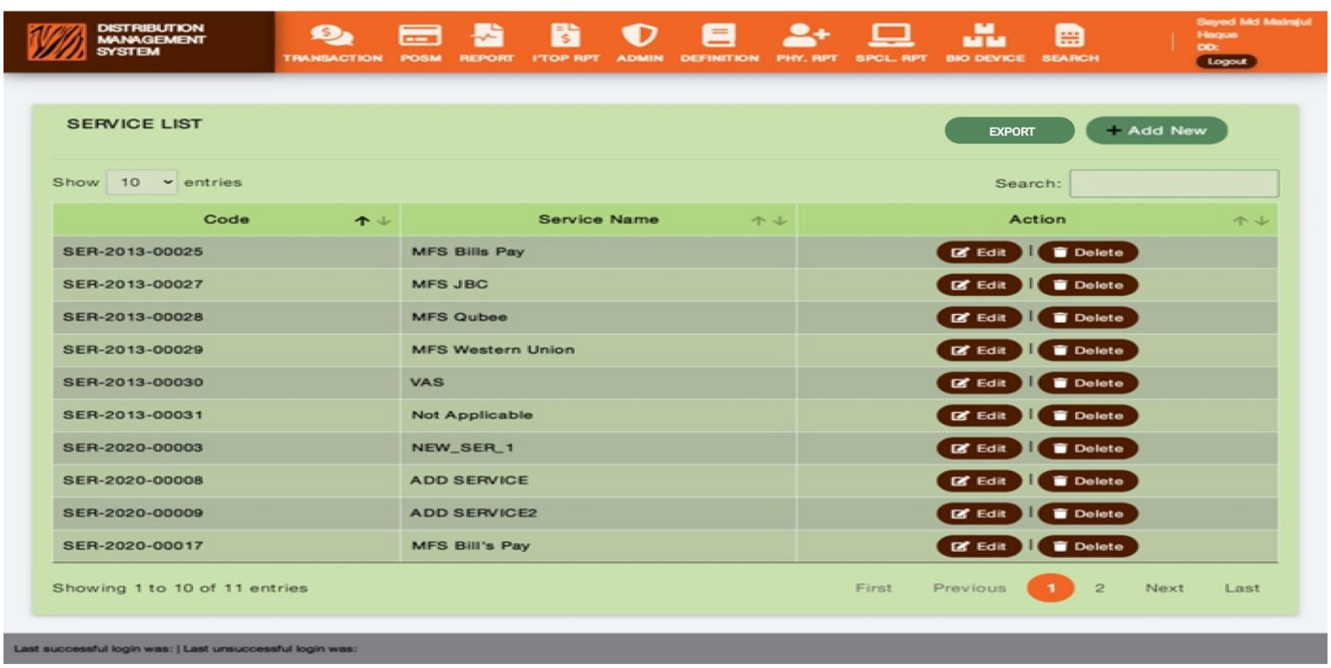
- **Export Option added in this view**

User Interface for Type List



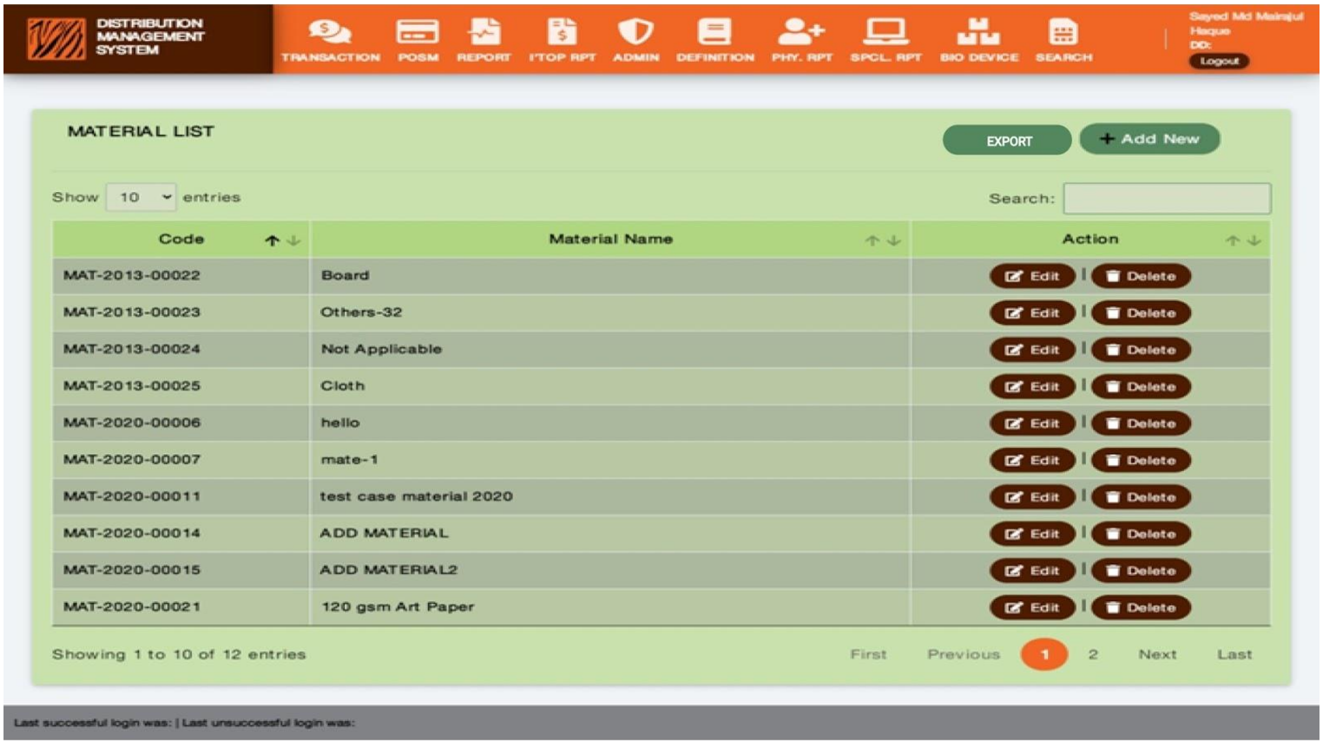
- **Export Option added in this view**

User Interface for Service List



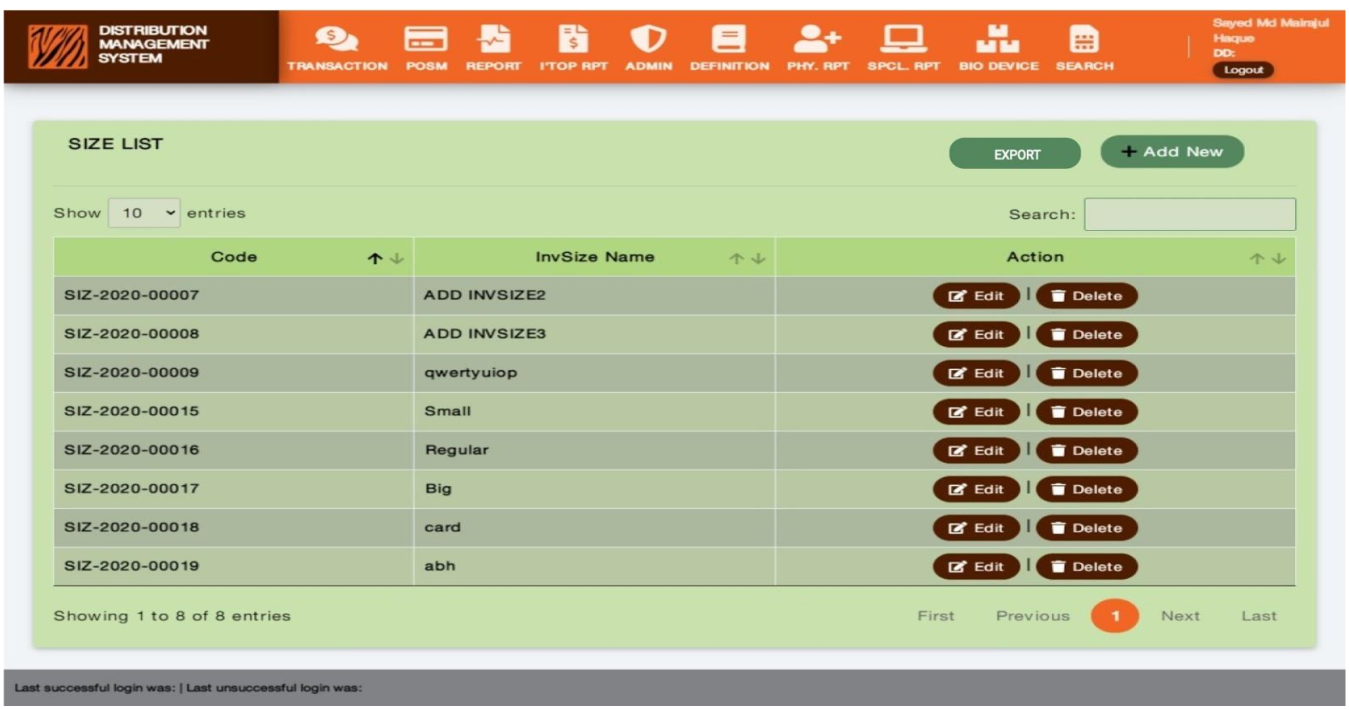
- **Export Option added in this view**

User Interface for Material List



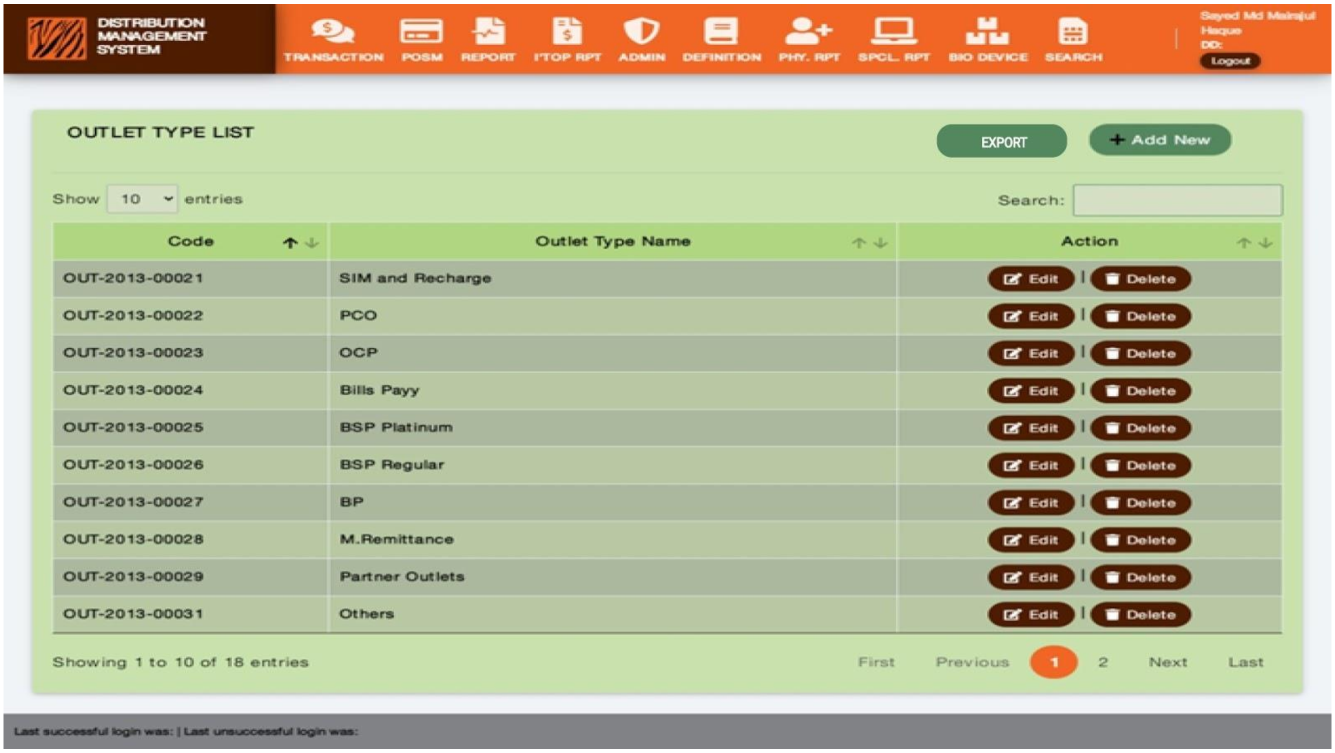
- **Export Option added in this view**

User Interface for Size List



- **Export Option added in this view**

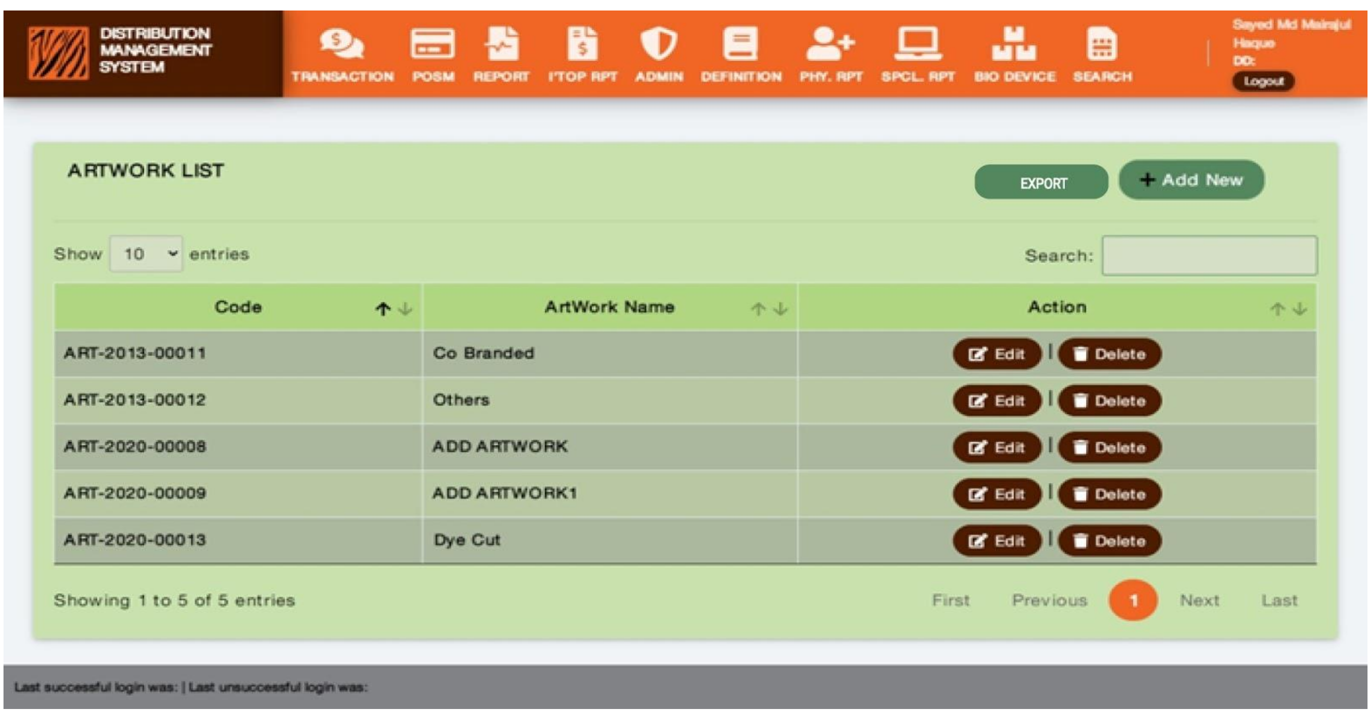
User Interface for Outlet Type



Code	Outlet Type Name	Action
OUT-2013-00021	SIM and Recharge	Edit | Delete
OUT-2013-00022	PCO	Edit | Delete
OUT-2013-00023	OCP	Edit | Delete
OUT-2013-00024	Bills Payy	Edit | Delete
OUT-2013-00025	BSP Platinum	Edit | Delete
OUT-2013-00026	BSP Regular	Edit | Delete
OUT-2013-00027	BP	Edit | Delete
OUT-2013-00028	M.Remittance	Edit | Delete
OUT-2013-00029	Partner Outlets	Edit | Delete
OUT-2013-00031	Others	Edit | Delete

- **Export Option added in this view**

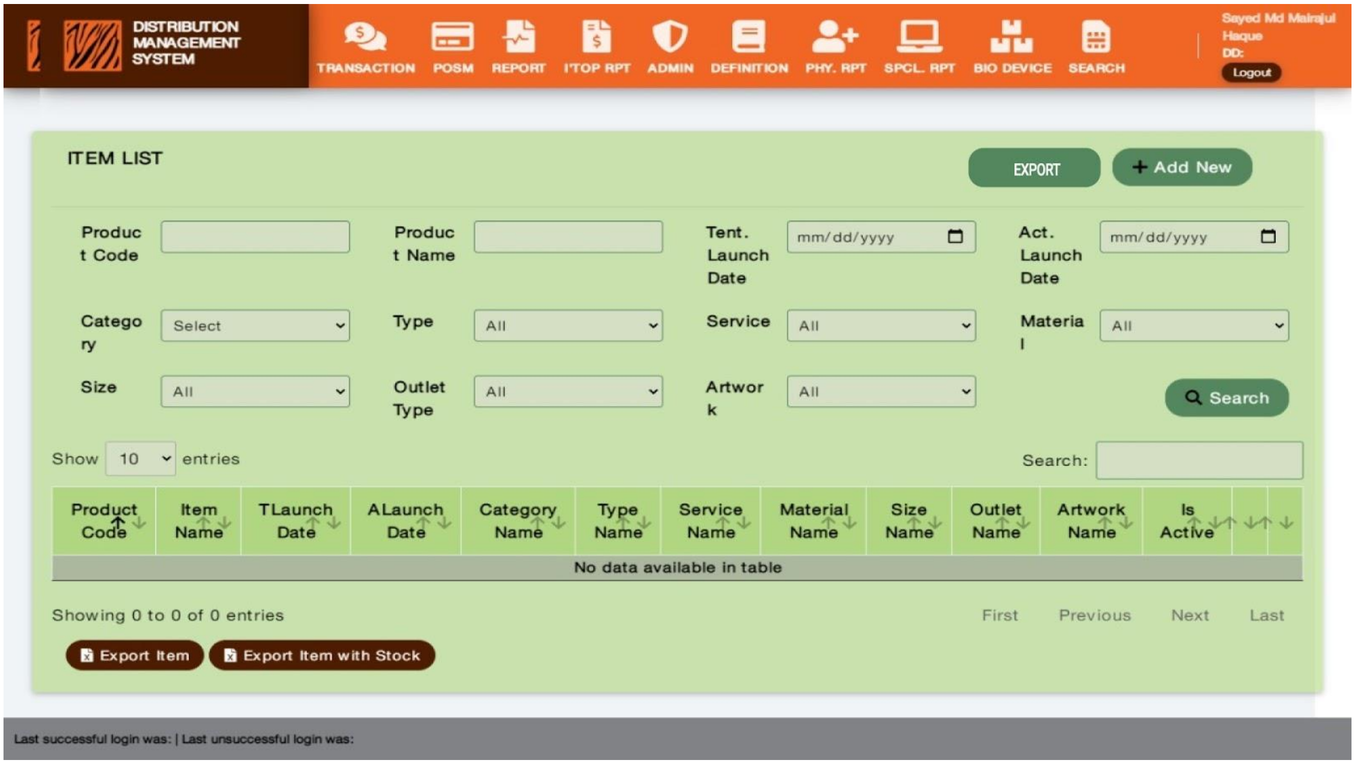
User Interface for Artwork List



Code	ArtWork Name	Action
ART-2013-00011	Co Branded	Edit | Delete
ART-2013-00012	Others	Edit | Delete
ART-2020-00008	ADD ARTWORK	Edit | Delete
ART-2020-00009	ADD ARTWORK1	Edit | Delete
ART-2020-00013	Dye Cut	Edit | Delete

- **Export Option added in this view**

User Interface for Item List



- **Export Option added in this view**

Report modification format for Issue Item to Distributor

Transaction Code	Product Name	Transaction date	Total Issue to Distributor	Total Received by Distributor	Total Return Qty
TR-2013-00051	Poster New Connection Offer August 2014 Regular	08-Oct-13	166	166	0

Report modification format for Issue to Distributor

Product Name	Transaction Date	Distributor Code	Total Issue Qty	Receiving Date	Receive Qty
Poster New Connection Offer August 2014 Regular	08-Oct-20	DHKDHK01	166	09-Oct-20	166
Poster New Connection Offer August 2014 Regular	08-Oct-20	DHKDHK31	200		0

Report modification format Issue to Market report

CATEGORY	TYPE	PRODUCTNAME	PRODUCTCODE	Size	TMO Code	TMONAME	Merchandiser Code	Merchandiser Name	Issue From App (Y/N)	TRANSACTIONDATE	QUANTITY
XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX

<u>Report modification format for Transaction Summery</u>

DISTRIBUTORNAME	DISTRIBUTOR Code	TRANSACTIONTYPE	CATEGORY	TYPE	PRODUCTNAME	PRODUCTCODE	Size	Create Date	Created by
XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX

3.21. Show RSO Routes in Retailer Page

Ref: FR21 (Business Requirements Document)

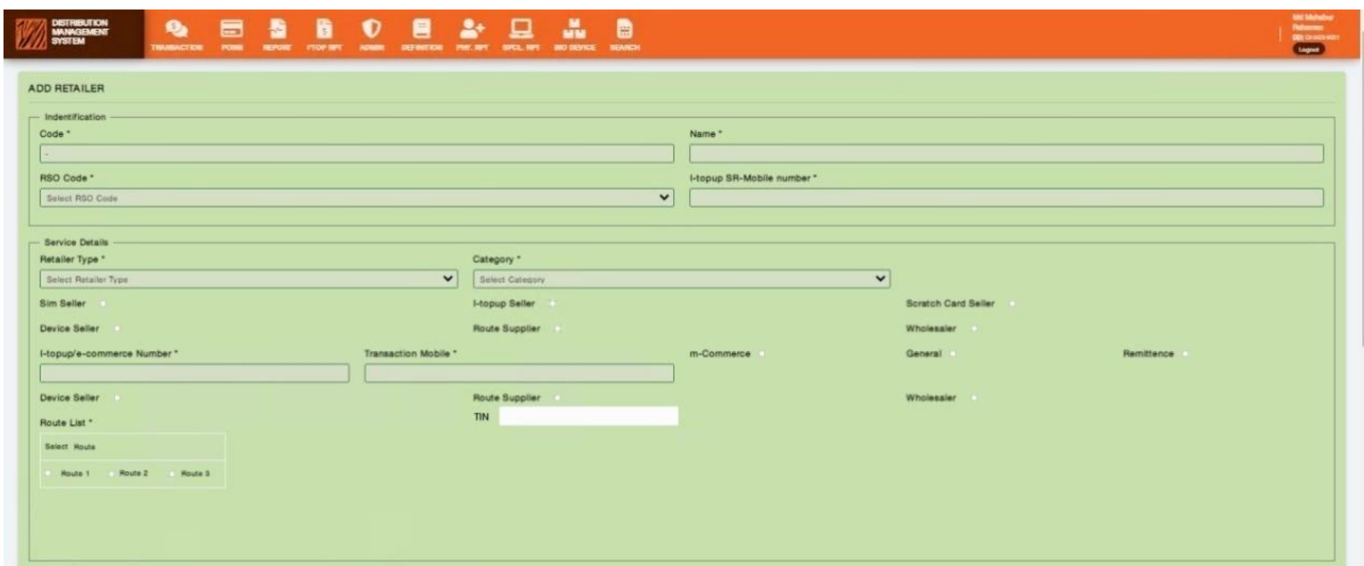
Description:

In Retailer Page when RSO Code is selected, itopup SR number is updated, similarly routes of that RSO will appear, and operator will select the route from the same page.

A new option will be made available in Service details section:

Select Route (1 or Multiple): Route1, Route2, Route3, Route4

<u>User Interface for Retailer:</u>



- RSO Route will appear while select RSO from Dropdown
- Retailer TIN/E-TIN number input field required.
- Validation for Trade license: Trade license number should be mandatory if Retailer is Enabled(Y) and SIM Seller(Y) for both New Retailer creation and Edit retailer.
- Validation Apply in NID Field (both for New and Edit retailer):
  - Must: NID cannot be blank, NID Must be 10 / 13 /17 digits
  - Optional: Same Digits Like (0000000, 222222, 444444) will not be accepted, Trend/Sequence number like (123456) will not be accepted.

3.22. Menu Item Rearrange

Ref: FR22 (Business Requirements Document)

Description: Rearrange the following reports with Menu

Menu	Submenu 1	Submenu 2
Report	Biometric	New registration
		Re-Verification
	Receive/Return	RECEIVE SIM FROM WAREHOUSE REPORT
		RETURN SIM TO WAREHOUSE REPORT
		PENDING SIM RETURN TO WAREHOUSE REPORT
		RECEIVE SIMS FROM RETAILER REPORT
Special Report	EV Operations Report	EV RETAILER SYNC PENDING SUMMARY
		EV RETAILER SYNC PENDING DETAILS
		EVSYSTEM TASK STATUS
		INVENTORY OVERVIEW REPORT
		TRANSACTION OVERVIEW REPORT
	DISTRIBUTOR ACCOUNT	DISTRIBUTOR COMMISSION (DETAILS)
		DISTRIBUTOR COMMISSION (SUMMARY)
		DISTRIBUTOR PAYOUT
		DISTRIBUTOR FLOOR IMEI REPORT
		DISTRIBUTOR INCOME REPORT
		DISTRIBUTOR TAX ON COMMISSION
	RSO Wise REPORT	RSO COMMISSION REPORT
		RSO CALENDAR REPORT
		RSO DETAILS REPORT
	RETAILER wise REPORT	RETAILER MIGRATION SUMMARY
		RETAILER COMMISSION REPORT DETAILS
		RETAILER COMMISSION REPORT SUMMARY
		OUTLET PRODUCTIVITY REPORT
		RETAILER LIST REPORT
	GA Related Report	ACTIVATION TRACKING REPORT
		ACTIVATION VS ETSAF STATUS
		SAF REPORT

		ETSAF REJECTION LIST REPORT
	OTHERS REPORT	SPECIAL NUMBER REPORT
		PST REPORT
		BIOMETRIC DEVICE JOURNEY
		NTR REPORT
		RETAILER, RSO AND SUPERVISOR PERFORMANCE TRACKING REPORT
		SIM INVENTORY STATUS REPORT
		APP USAGE REPORT
		ACTIVE USER REPORT
	ITOPUP LIFTING	ITOPUP STOCK LIFTING
	ITOPUP LIFTING	ITOPUP STOCK LIFTING DD WISE
	ITOPUP LIFTING	ITOPUP STOCK LIFTING BY Route
	ITOPUP SALES	ITOPUP SALES DD WISE
	ITOPUP SALES	ITOPUP SALES BY ROUTE
I'Top up Report	ITOPUP DETAILS	ITOPUP DETAILS BY ROUTE
	ITOPUP DETAILS	ITOPUP DETAILS DD WISE
	ITOPUP DETAILS	ITOPUP DETAILS
	DENO REPORT	DENO REPORT SUMMARY
		DENO REPORT DETAILS
	ITOPUP Balanace	ITOPUP BALANCE
	ITOPUP Balanace	ITOPUP MIDDAY
	ITOPUP Balanace	ITOPUP BALANCE BY ROUTE

3.23. DMS pages required to be viewable by 20-30% reduced

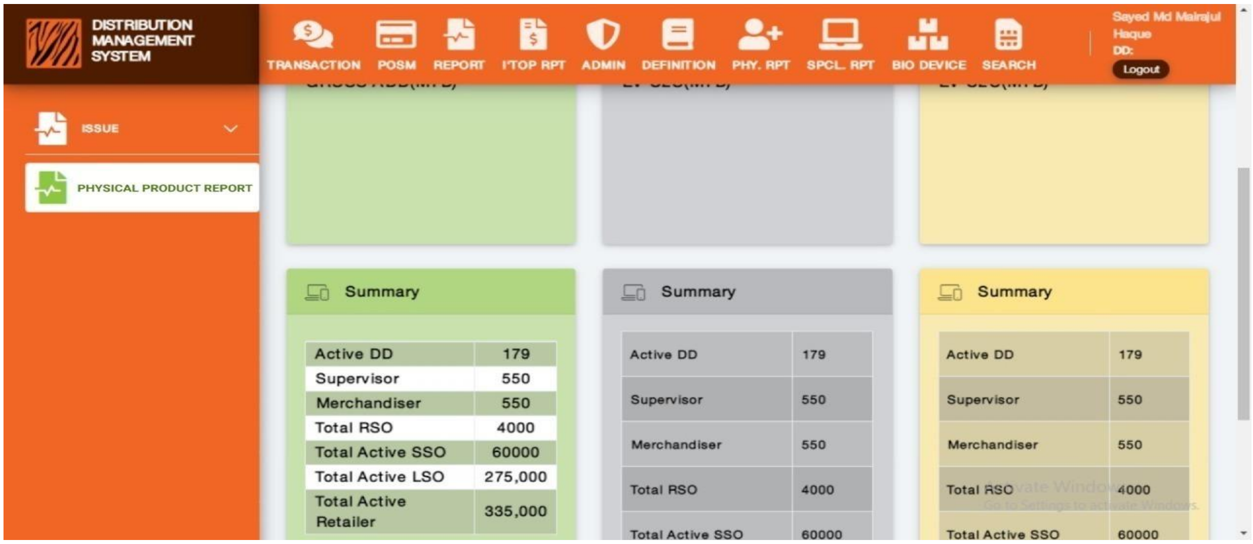
Ref: FR23 (Business Requirements Document)

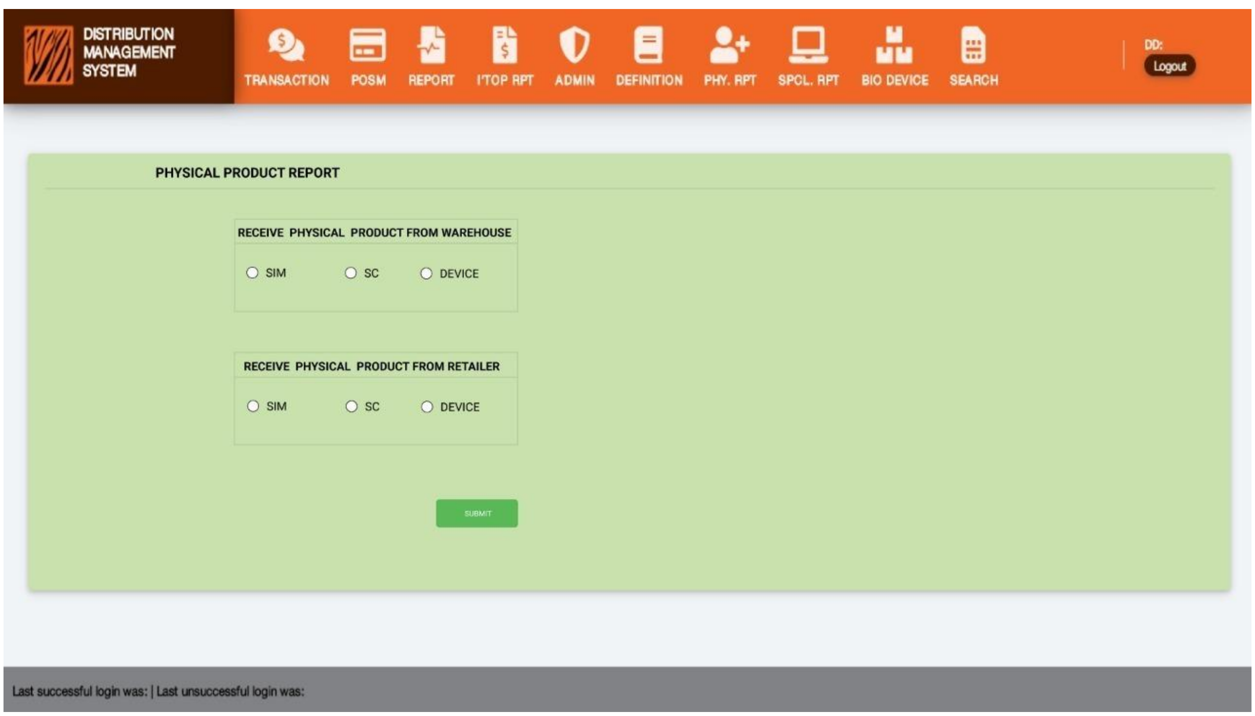
Following Item will be resized

- DMS view Resize
- Responsive Issue
- Menu Scroll issue
- Mobile compatibility

3.24. Modification in existing report

During development period based on need mutual discussion





Rules/Validation

- While user click radio button of any product type its redirect to existing reports.

Report List:

- RECEIVE SC FROM WAREHOUSE REPORT,
- RECEIVE Device FROM WAREHOUSE REPORT
- RECEIVE SIM FROM WAREHOUSE REPORT
- RETURN SIM TO WAREHOUSE REPORT
- PENDING SIM RETURN TO WAREHOUSE REPORT
- RECEIVE SIMS FROM RETAILER REPORT

3.25. Dispute Item's Report Available and Fixing

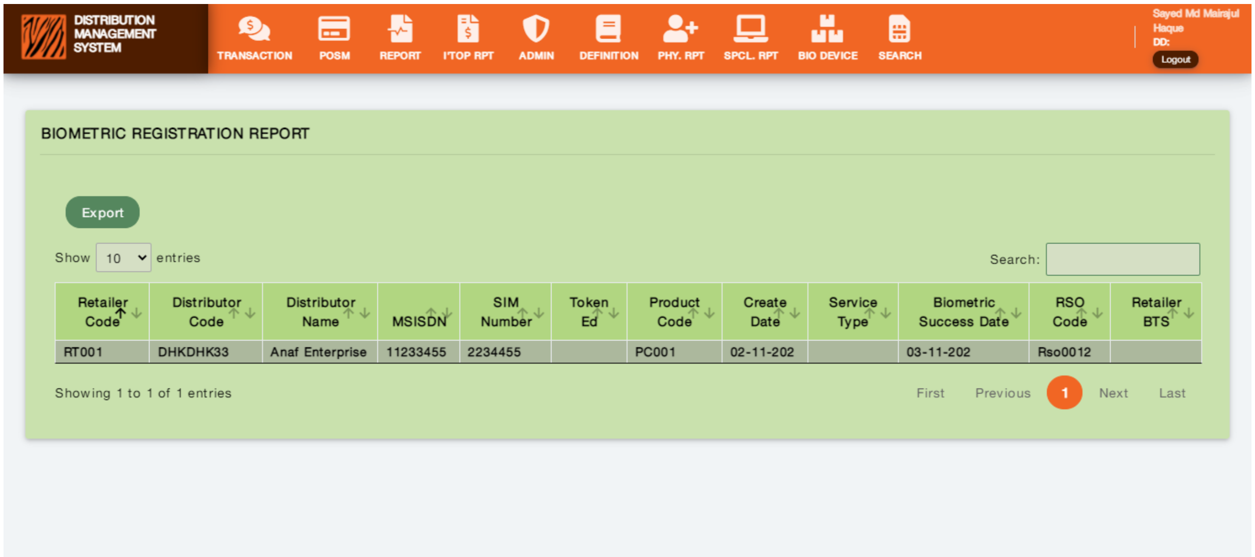
3.25.1. Biometric Registration Report

- **Rules and Validation:**
  - User Need to login as Internal or external
  - After login user get the report according to his/her distributor which are tagged with user
  - For internal user can select single distributor or all distributor to login.
  - If user select all distributor, then user get the report of all distributor.
  - If user select single distributor then user can get the result according to login distributor.

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of Biometric Registration Report:



3.25.2. Biometric Summary Report

- **Rules and Validation:**
  - User Need to login as Internal or external
  - After login user get the report according to his/her distributor which are tagged with user
  - For internal user can select single distributor or all distributor to login.
  - If user select all distributor, then user get the report of all distributor.
  - If user select single distributor, then user can get the result according to login distributor.

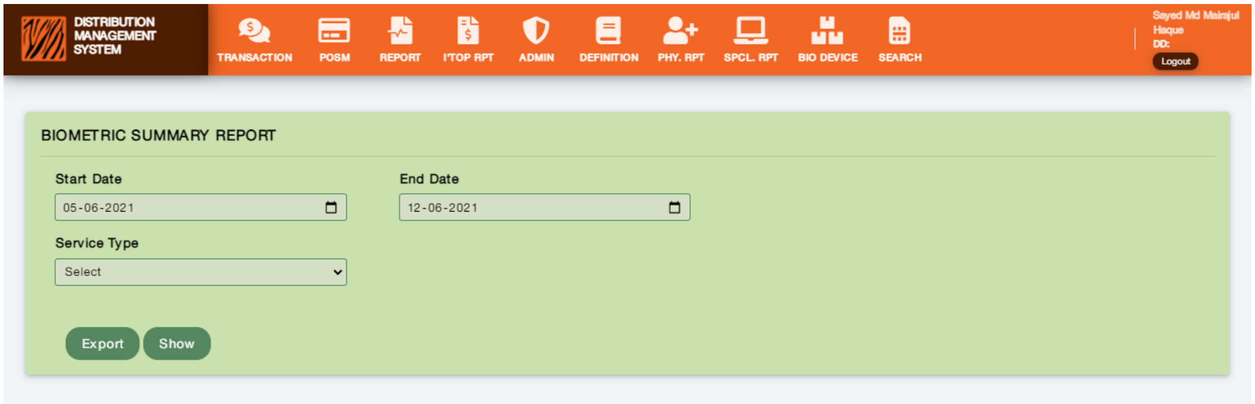
Parameter:

- Start Date
- End Date
- Service Type

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of Biometric Summary Report:



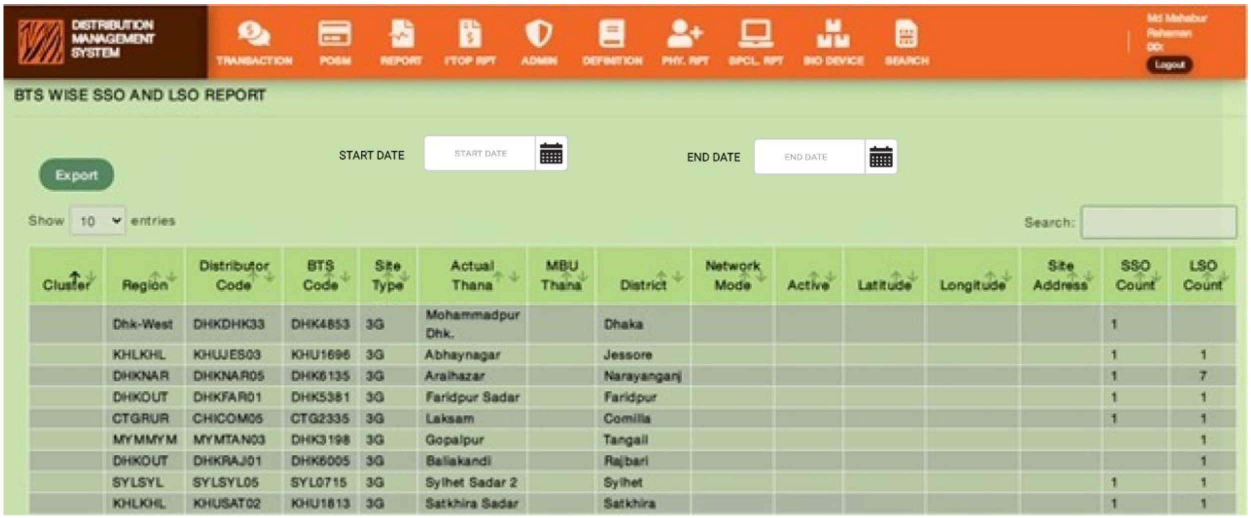
3.25.3. BTS wise SSO and LSO Report

- **Rules and Validation:**
  - User Need to login as Internal or external
  - After login user get the report according to his/her distributor which are tagged with user
  - For internal user can select single distributor or all distributor to login.
  - If user select all distributor, then user get the report of all distributor.
  - If user select single distributor, then user can get the result according to login distributor.

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of BTS wise SSO and LSO report:



Cluster	Region	Distributor Code	BTS Code	Site Type	Actual Thana	MBU Thana	District	Network Mode	Active	Latitude	Longitude	Site Address	SSO Count	LSO Count
	Dhk-West	DHKDHK33	DHK4853	3G	Mohammadpur Dhk.		Dhaka						1	
	KHLKHL	KHUJES03	KHU1696	3G	Abhaynagar		Jessore						1	1
	DHKNAR	DHKNAR05	DHK6135	3G	Araihazar		Narayanganj						1	7
	DHKOUT	DHKFAR01	DHK5381	3G	Faridpur Sadar		Faridpur						1	1
	CTGRUR	CHICOM05	CTG2335	3G	Laksam		Comilla						1	1
	MYMMYM	MYMTAN03	DHK3198	3G	Gopalpur		Tangail							1
	DHKOUT	DHKRAJ01	DHK6005	3G	Baliakandi		Rajbari							1
	SYLSYL	SYLSYL05	SYL0715	3G	Sylhet Sadar 2		Sylhet						1	1
	KHLKHL	KHUSAT02	KHU1813	3G	Satkhira Sadar		Satkhira						1	1

3.25.4. Day Wise WH Lifting Report

- **Rules and Validation:**
  - User Need to login as Internal or external
  - After login user get the report according to his/her distributor which are tagged with user
  - For internal user can select single distributor or all distributor to login.
  - If user select all distributor, then user get the report of all distributor.
  - If user select single distributor, then user can get the result according to login distributor.
  - User can show the report or direct export to Excel.
  - Selection of Start and end date should be in UI, as date wise report.

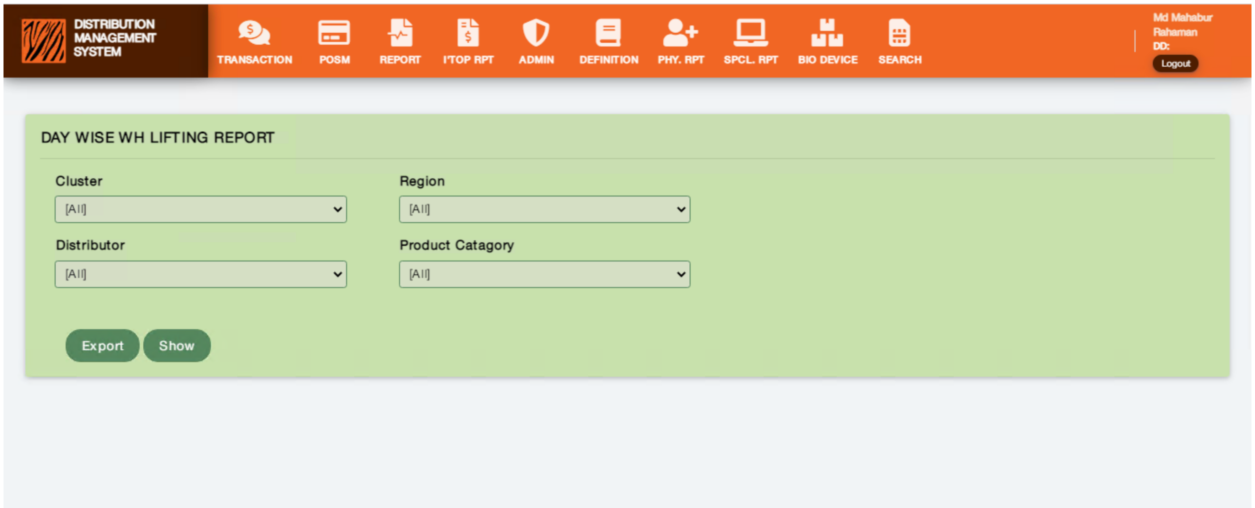
Parameter:

- Cluster
- Region
- Distributor
- Product Category

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

Day Wise WH Lifting Report:



3.25.5. Distributor Wise BTS Details Report

- **Rules and Validation:**
  - User Need to login as Internal or external
  - After login user get the report according to his/her distributor which are tagged with user
  - For internal user can select single distributor or Multiple or all distributor.
  - For external, user will get the result according to login distributor.
  - User can Export the report to the Excel.

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of Distributor Wise BTS Details Report:

Region	Distributor Code	BTS Code	Network Mode	Site Type	2G on air date	3G on air date	4G on air date	Active	Site Status	Dismantle Date	Longitude	Latitude	Actual Thana	MBU Thana New	District
Khulna	KHUKUS01	KHU1422		3G									Bheramara		Kushtia
Khulna	KHUKUS01	KHU1420		3G									Khoksa		Kushtia
Khulna	KHUKUS01	KHU1282		3G									Bheramara		Kushtia
Khulna	KHUKUS01	KHU1306		3G									Mirpur Kst.		Kushtia
Khulna	KHUKUS01	KHU1358		3G									Kushtia Sadar		Kushtia

3.25.6. SIM Replacement Report

- **Rules and Validation:**
  - User Need to login as Internal or external
  - After login user get the report according to his/her distributor which are tagged with user
  - For internal user can select single distributor or Multiple or all distributor.
  - For external, user will get the result according to login distributor.
  - User can show the report or direct export to Excel.

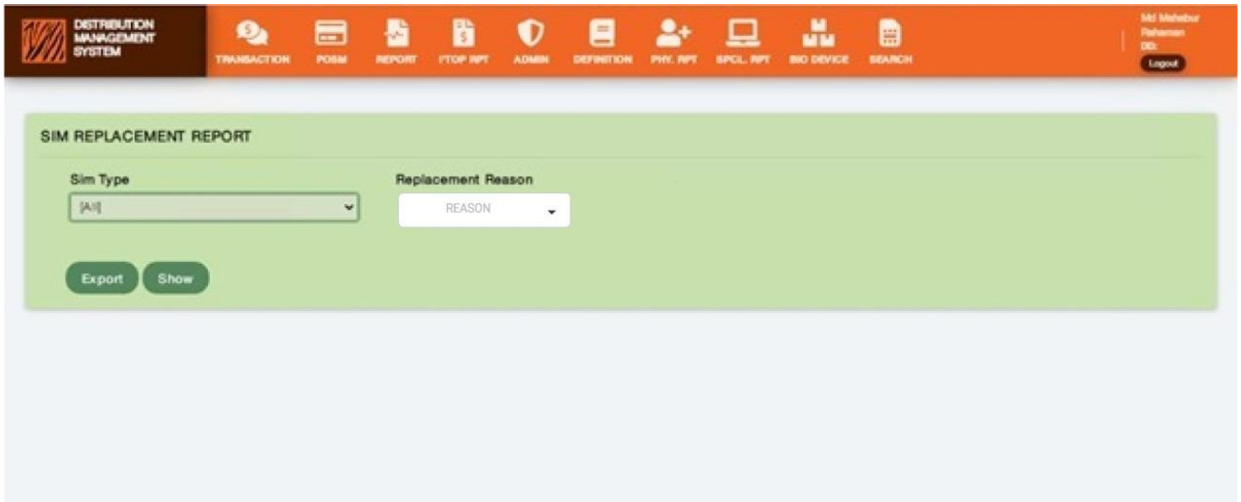
Parameter:

- Sim Type
- Replacement Reason

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

SIM Replacement Report:



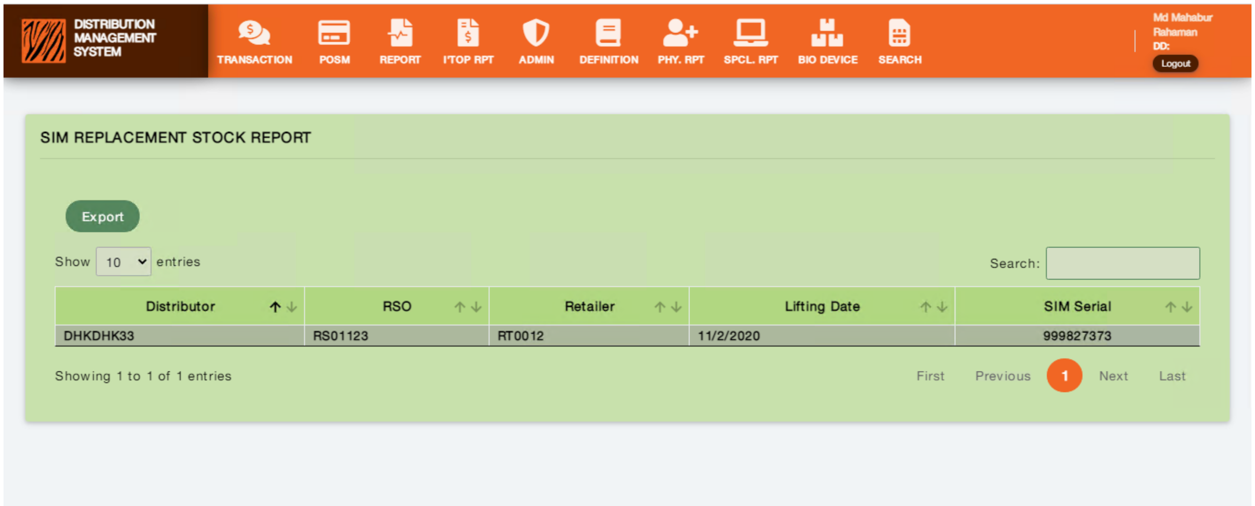
3.25.7. SIM Replacement Stock

- **Rules and Validation:**
  - ➢ User Need to login as Internal or external
  - ➢ After login user get the report according to his/her distributor which are tagged with user
  - ➢ For internal user can select single distributor or Multiple or all distributor.
  - ➢ For external, user will get the result according to login distributor.
  - ➢ User can Export the report to the Excel.
  - ➢ Replacement reason will be dropdown and all option will be there as well.

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of SIM Replacement Stock:



3.25.8. Activation Vs ETSAF Status Report

- **Rules and Validation:**
  - User Need to login as Internal or external
  - After login user get the report according to his/her distributor which are tagged with user
  - For internal user can select single distributor or Multiple or all distributor.
  - For external, user will get the result according to login distributor.
  - User can show the report or direct export to Excel.

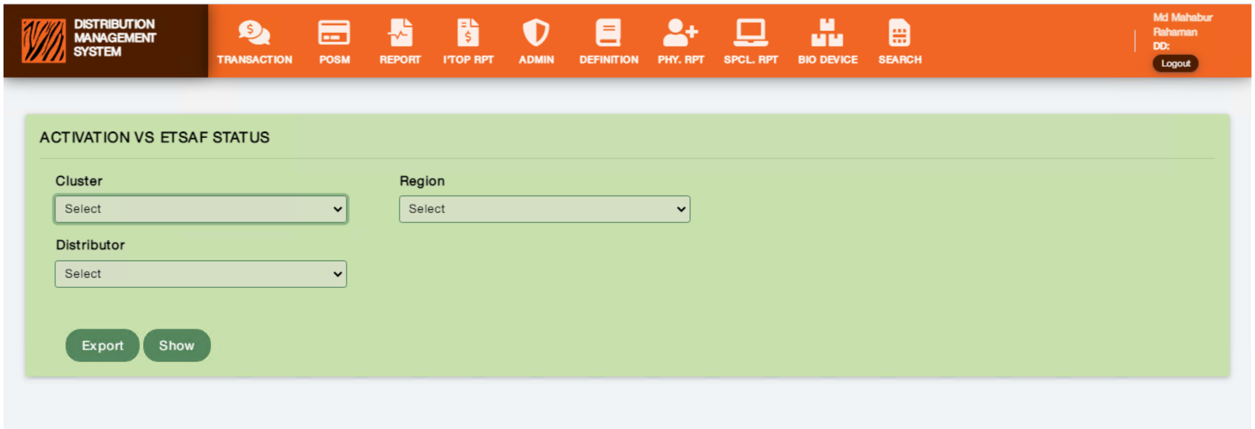
Parameter:

- Cluster
- Region
- Distributor

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of Activation Vs ETSAF Status Report:



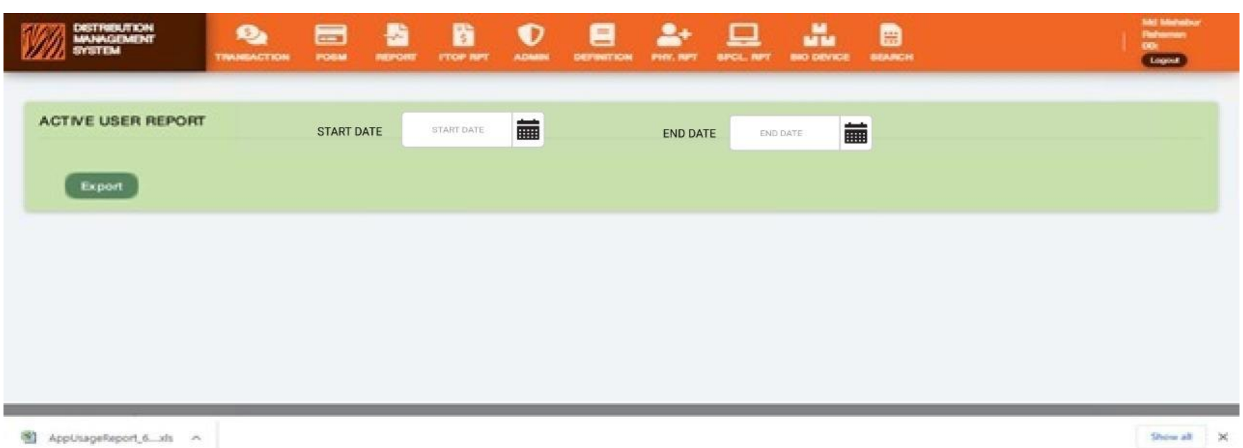
3.25.9. Active User Report

- **Rules and Validation:**
  - ➢ User Need to login as Internal or external
  - ➢ After login user get the report according to his/her distributor which are tagged with user
  - ➢ For internal user can select single or Multiple Region.
  - ➢ For external, user will get the result according to login distributor.
  - ➢ User can Export the report to the Excel.
  - ➢ For Internal these dropdowns will be active. For external UI, all will be freeze

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of Active User Report:



3.25.10. App Usage Report

- **Rules and Validation:**
  - User Need to login as Internal or external
  - After login user get the report according to his/her distributor which are tagged with user
  - For internal user can select single or Multiple Region.
  - For external, user will get the result according to login distributor.
  - User can show the report or direct export to Excel.
    Include Date range: start and end date

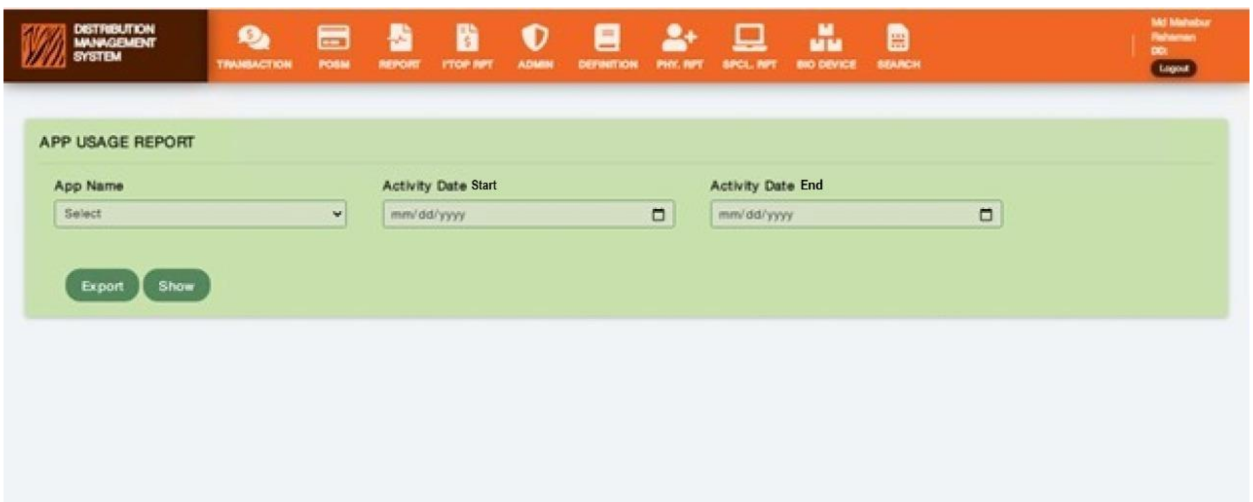
Parameter:

- App Name
- Activity Date

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of App Usage Report:



- **Start and end Date instead of one date.**

3.25.11. Deno Report API Summary

- **Rules and Validation:**
  - User Need to login as Internal or external
  - After login user get the report according to his/her distributor which are tagged with user
  - For internal user can select single or Multiple Region.
  - For external, user will get the result according to login distributor.
  - User can show the report or direct export to Excel.
  - Start and end Date instead of one date.

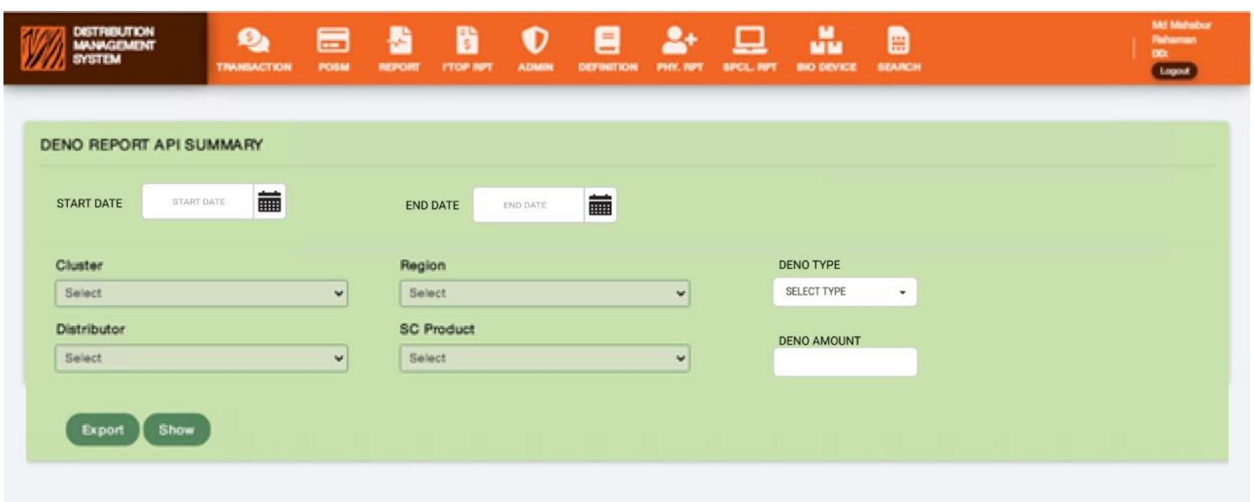
Parameter:

- Cluster
- Region
- Distributor
- Deno Type, Deno Amount

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of Deno Report API Summary:



3.25.12. Deno Report API Summary

- **Rules and Validation:**
  - ➢ User Need to login as Internal or external
  - ➢ After login user get the report according to his/her distributor which are tagged with user
  - ➢ For internal user can select single or Multiple Region.
  - ➢ For external, user will get the result according to login distributor.
  - ➢ User can show the report or direct export to Excel.
  - ➢ Include Start and end date, Deno Type, Deno Amount
  - ➢ For External only Deno Type and Deno Amount will be active in dropdown
  - ➢ Cluster, region, Distributor will be freeze

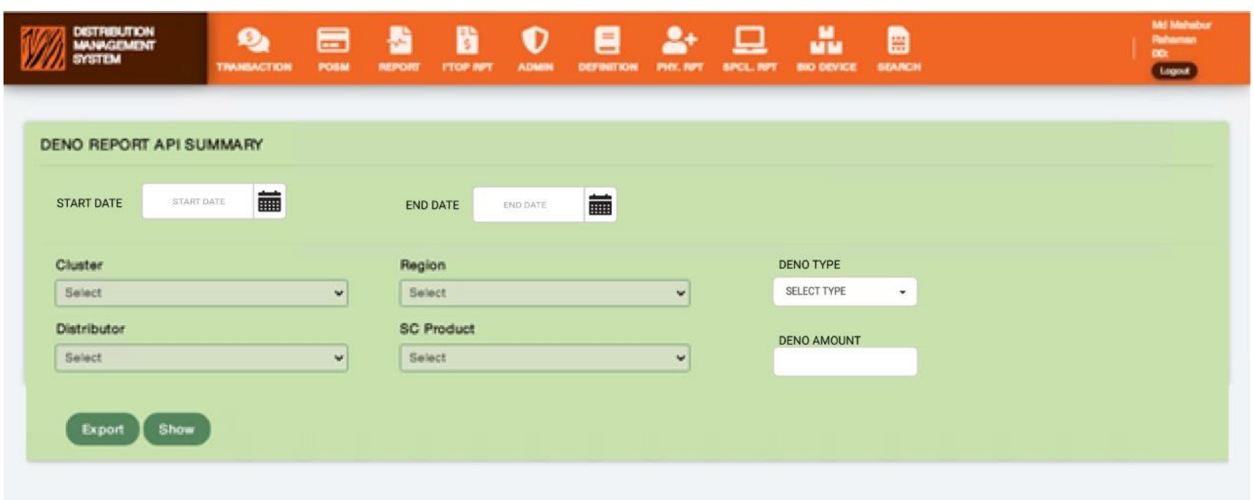
Parameter:

- ➢ Cluster
- ➢ Region
- ➢ Distributor
- ➢ Deno Type
- ➢ Deno Amount

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of Deno Report Api Summary:



3.25.13. Deno Report Details

- **Rules and Validation:**
  - User Need to login as Internal or external
  - After login user get the report according to his/her distributor which are tagged with user
  - For internal user can select single or Multiple Region.
  - For external, user will get the result according to login distributor.
  - User can show the report or direct export to Excel.
  - Include Start and end date, Deno Type, Deno Amount
  - For External only Deno Type and Deno Amount will be active in dropdown
  - Cluster, region, Distributor will be freeze

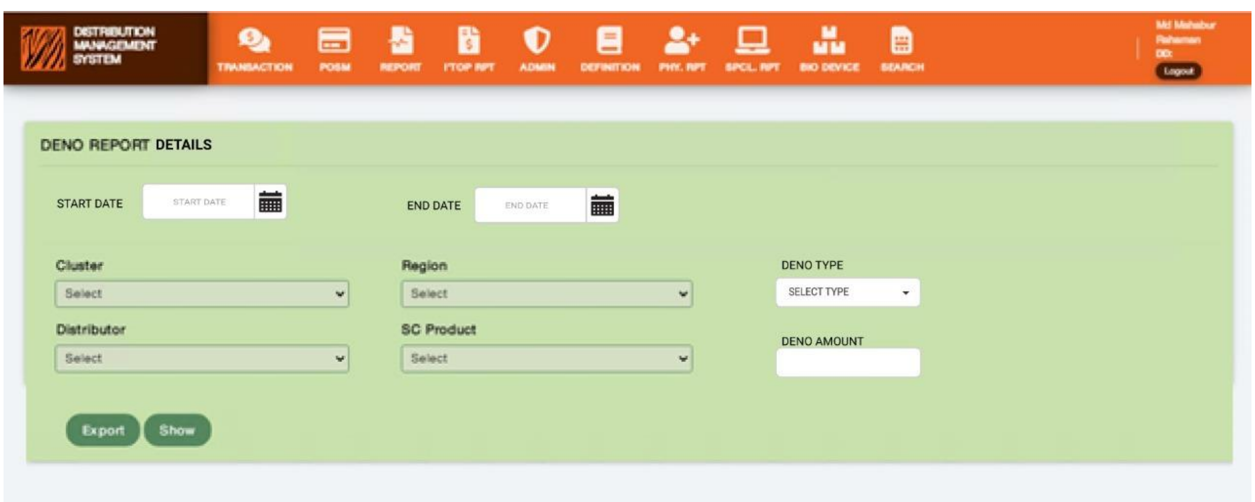
Parameter:

- Cluster
- Region
- Distributor
- Deno type, Deno Amount

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of Deno Report Details:



3.25.14. Distributor Commission Details Report

- **Rules and Validation:**
  - User Need to login as Internal or external
  - After login user get the report according to his/her distributor which are tagged with user
  - For internal user can select single or Multiple Region.
  - For external, user will get the result according to login distributor.
  - User can show the report or direct export to Excel.
  - Include Start and end date, Deno Type, Deno Amount
  - For External only Deno Type and Deno Amount will be active in dropdown
  - Cluster, region, Distributor will be freeze

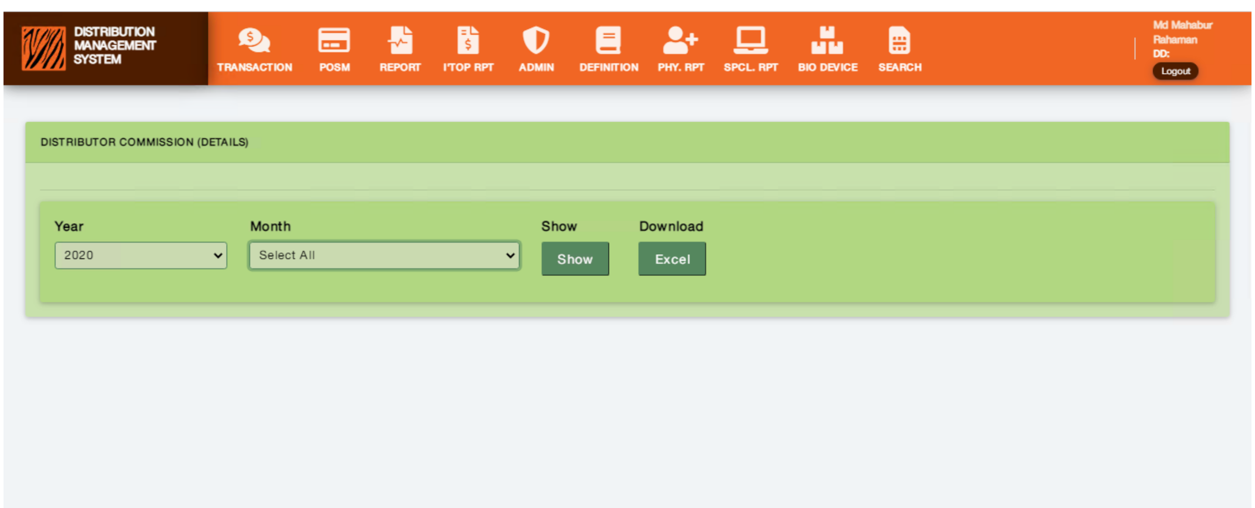
Parameter:

- Year
- Month

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of Dist Commission Details Report:



3.25.15. Distributor Commission Payout Report

- **Rules and Validation:**
  - User Need to login as Internal or external
  - After login user get the report according to his/her distributor which are tagged with user
  - For internal user can select single or Multiple Region.
  - For external, user will get the result according to login distributor.
  - User can show the report or direct export to Excel.

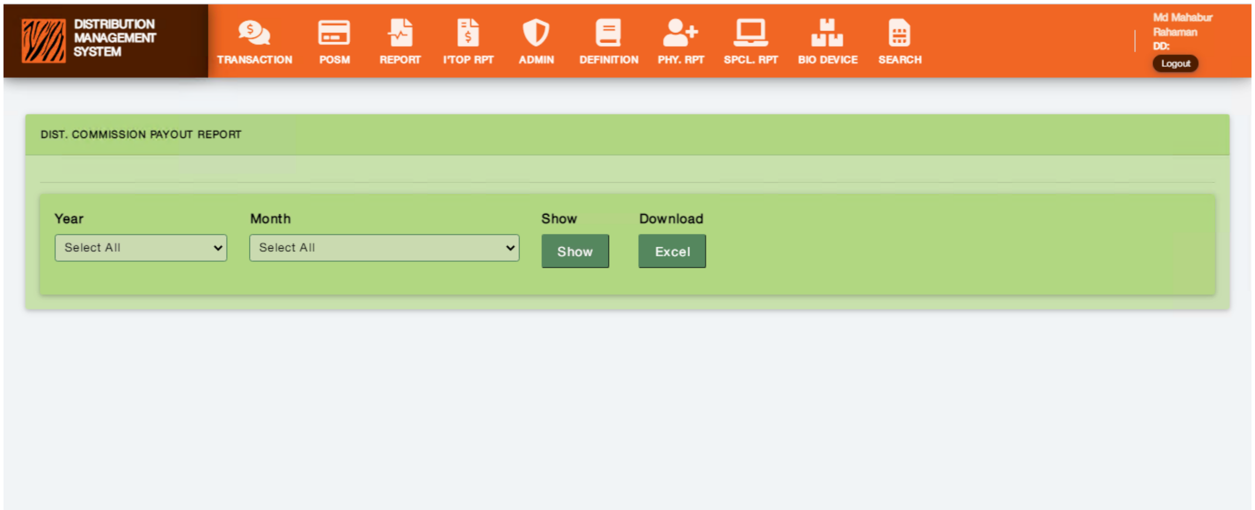
Parameter:

- Year
- Month

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of Dist Commission Payout Report:



3.25.16. Distributor Commission Summary Report

- **Rules and Validation:**
  - User Need to login as Internal or external
  - After login user get the report according to his/her distributor which are tagged with user
  - For internal user can select single or Multiple Region.

- For external, user will get the result according to login distributor.
- User can show the report or direct export to Excel.

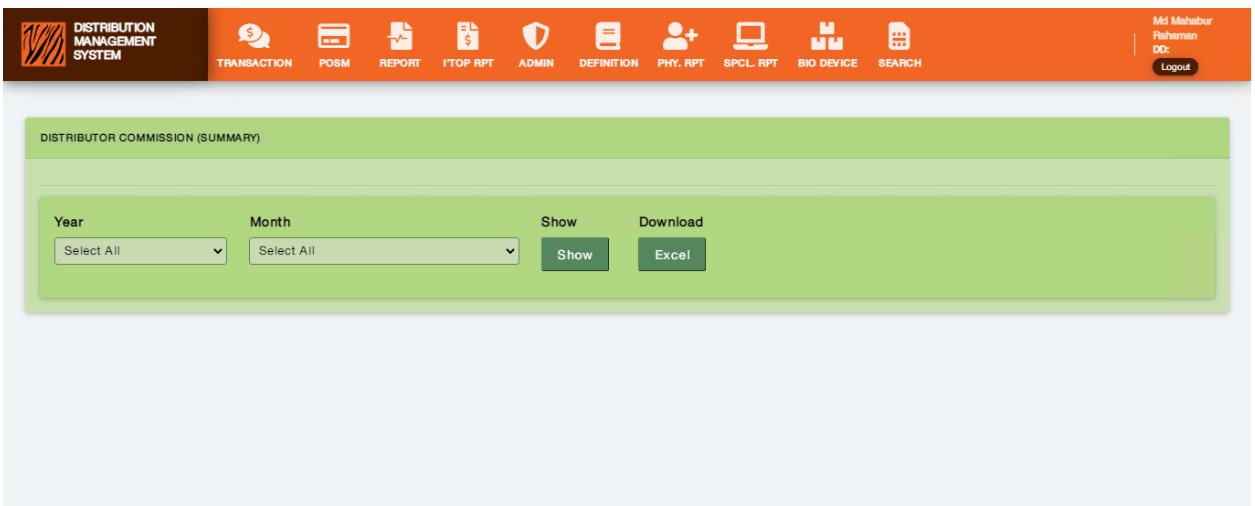
Parameter:

- Year
- Month

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of Dist. Commission Summary Report:



3.25.17. Distributor Income Report

- **Rules and Validation:**
  - User Need to login as Internal or external
  - After login user get the report according to his/her distributor which are tagged with user
  - For internal user can select single or Multiple Region.
  - For external, user will get the result according to login distributor.
  - User can show the report or direct export to Excel.

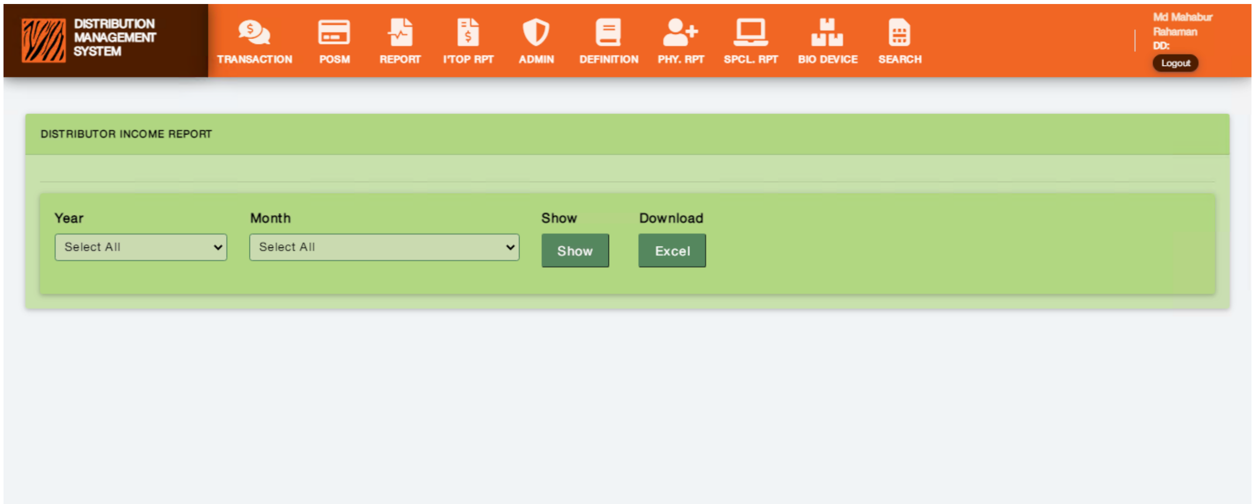
Parameter:

- Year
- Month

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of Distributor Income Report:



3.25.18. Dist. Tax On Commission Report

- **Rules and Validation:**
  - User Need to login as Internal or external
  - After login user get the report according to his/her distributor which are tagged with user
  - For internal user can select single or Multiple Region.
  - For external, user will get the result according to login distributor.
  - User can show the report or direct export to Excel.

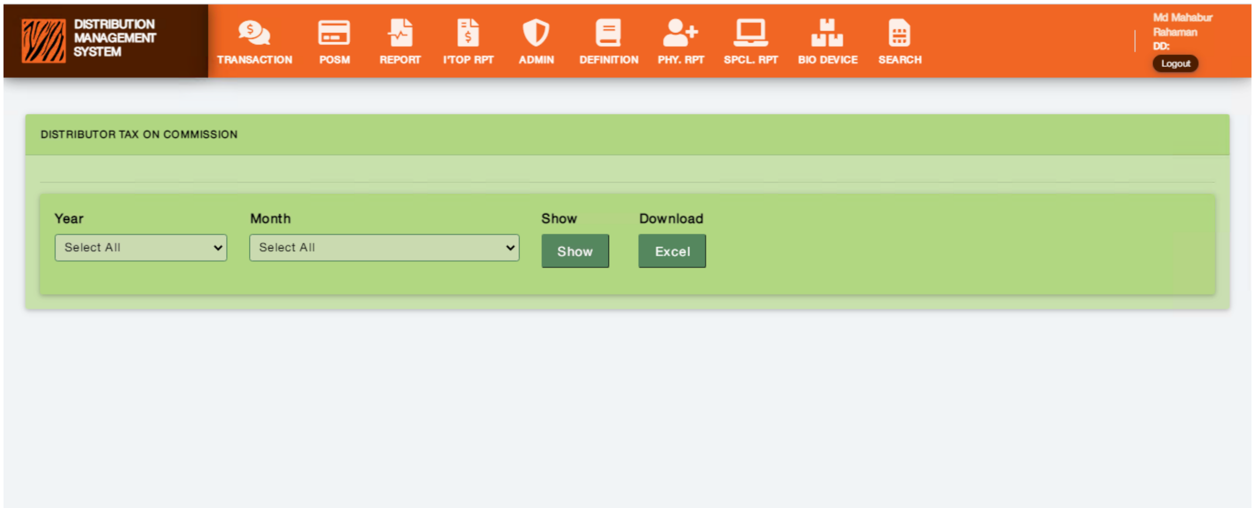
Parameter:

- Year
- Month

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of Dist. Tax On Commission Report:



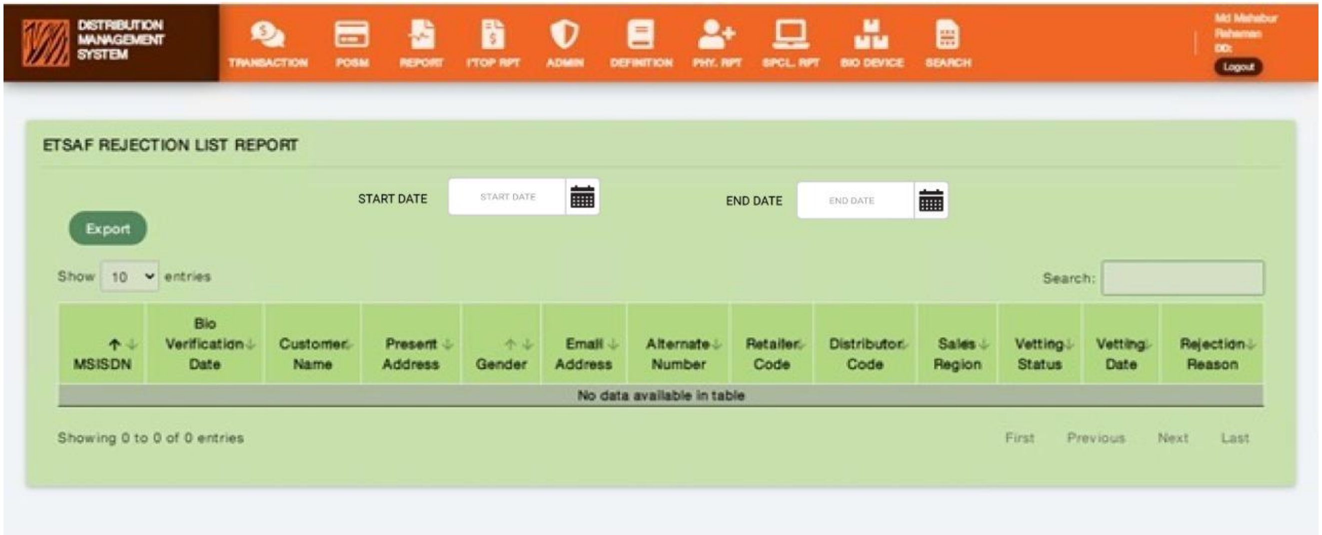
3.25.19. ETSAF Rejection List Report

- **Rules and Validation:**
  - ➢ User Need to login as Internal or external
  - ➢ After login user get the report according to his/her distributor which are tagged with user
  - ➢ For internal user can select single or Multiple Region.
  - ➢ For external, user will get the result according to login distributor.
  - ➢ User can Export the report to the Excel.
  - ➢ Include start and end date filter

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of ETSAF Rejection List Report:



3.25.20. PST Report

- **Rules and Validation:**
  - ➢ User Need to login as Internal or external
  - ➢ After login user get the report according to his/her distributor which are tagged with user
  - ➢ For internal user can select single or Multiple Region.
  - ➢ For external, user will get the result according to login distributor.
  - ➢ User can show the report and export to Excel and export to **.csv**.

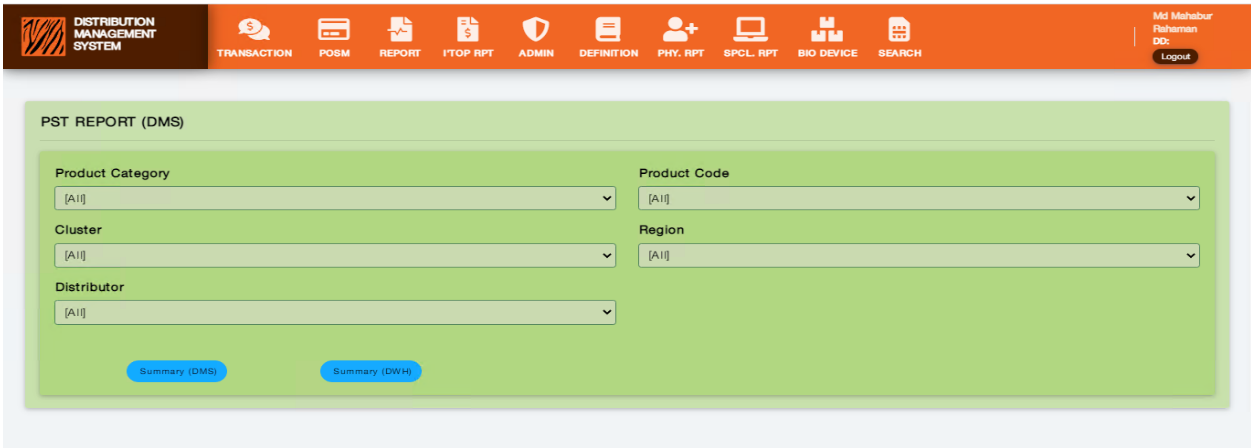
Parameter:

- ➢ Product Category
- ➢ Product Code
- ➢ Cluster
- ➢ Region
- ➢ Distributor

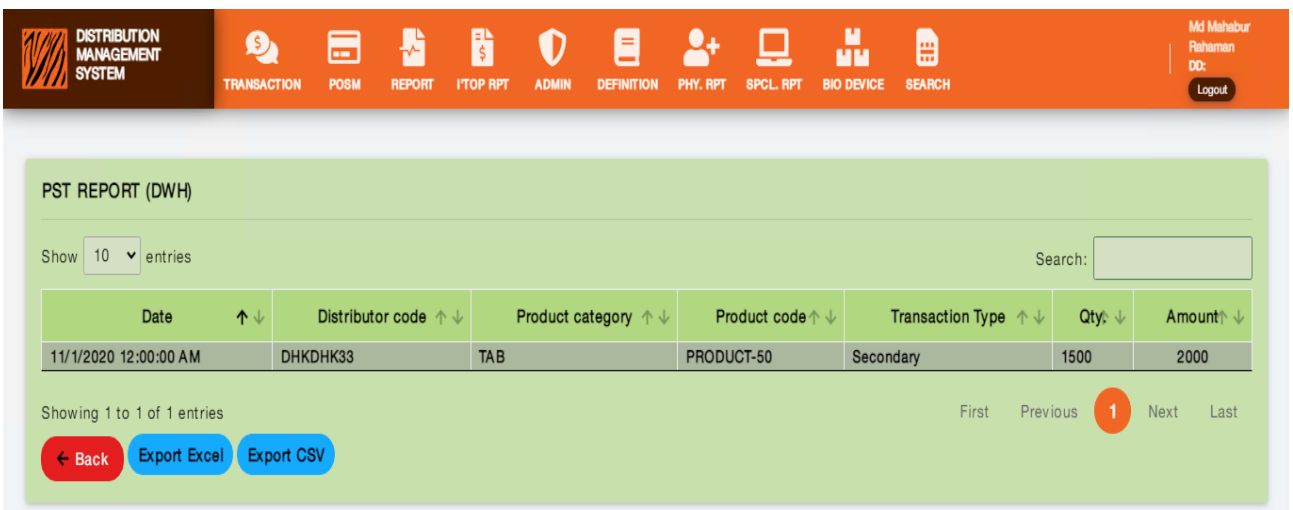
Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID’s in main SP of this report as a parameter name p_distributorid

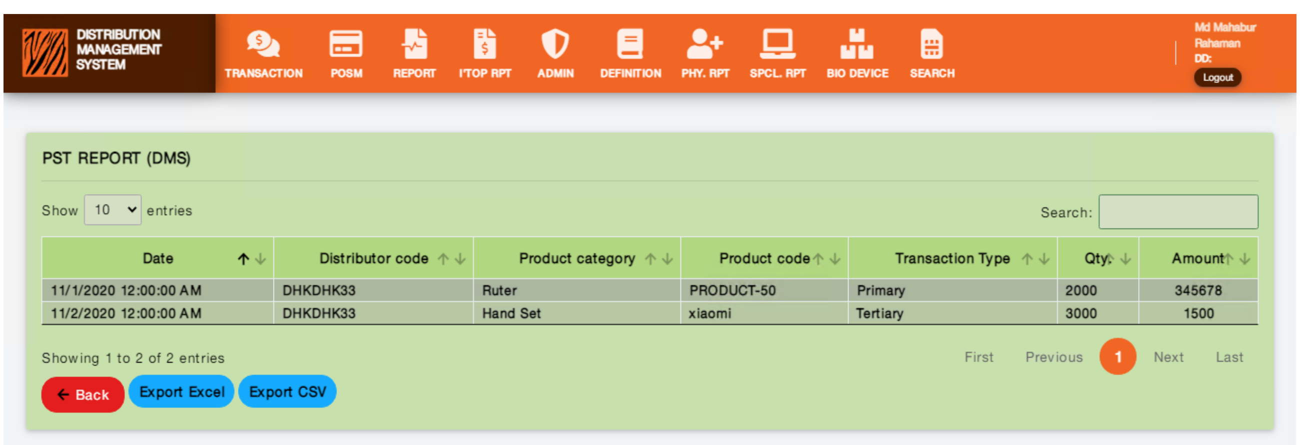
UI of PST Report Parameter:



UI of PST (DWH) Report:



UI of PST (DMS) Report:



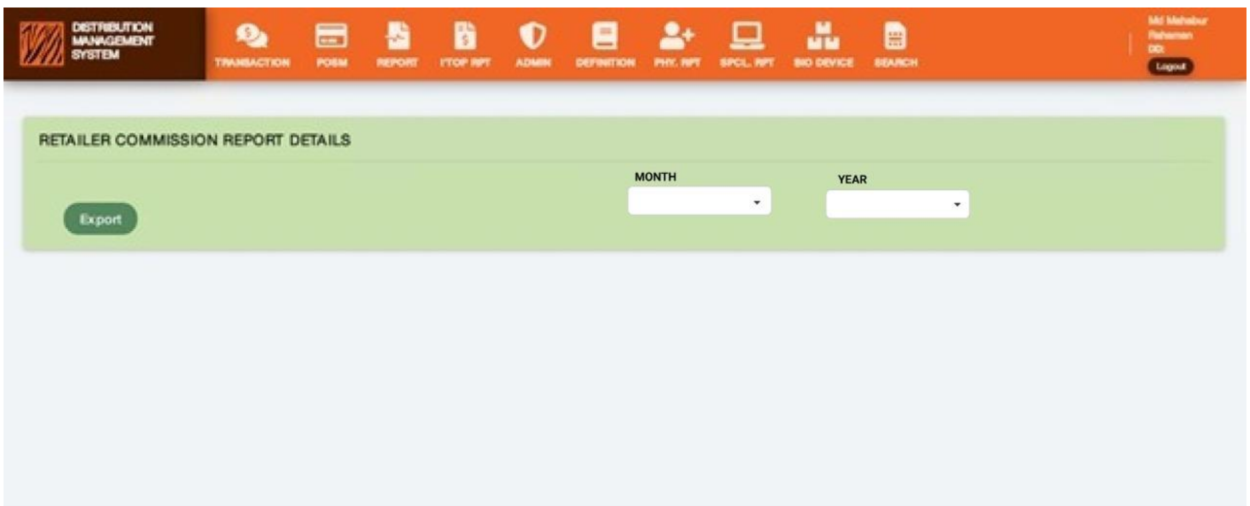
3.25.21. Retailer Commission Report Details

- **Rules and Validation:**
  - ➢ User Need to login as Internal or external
  - ➢ After login user get the report according to his/her distributor which are tagged with user
  - ➢ For internal user can select single or Multiple Region.
  - ➢ For external, user will get the result according to login distributor.
  - ➢ User can Export the report to the Excel.
  - ➢ Select Commission Month, year

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of Retailer Commission Report Details:



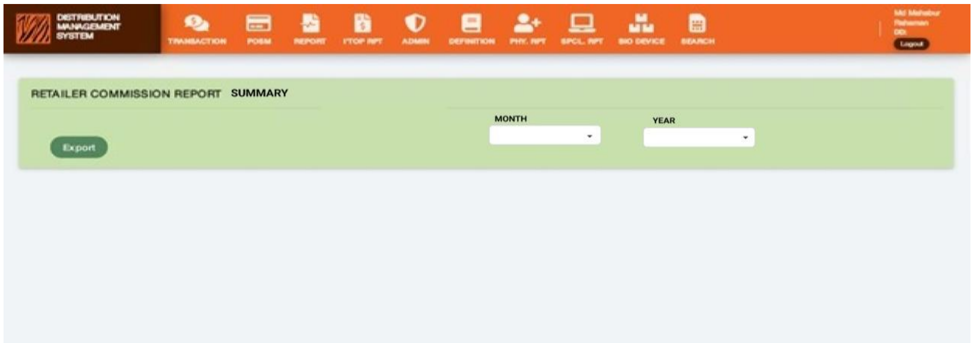
3.25.22. Retailer Commission Report Summary

- **Rules and Validation:**
  - ➢ User Need to login as Internal or external
  - ➢ After login user get the report according to his/her distributor which are tagged with user
  - ➢ For internal user can select single or Multiple Region.
  - ➢ For external, user will get the result according to login distributor.
  - ➢ User can Export the report to the Excel.
  - ➢ Select Commission Month, year

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of Retailer Commission Report Summary:



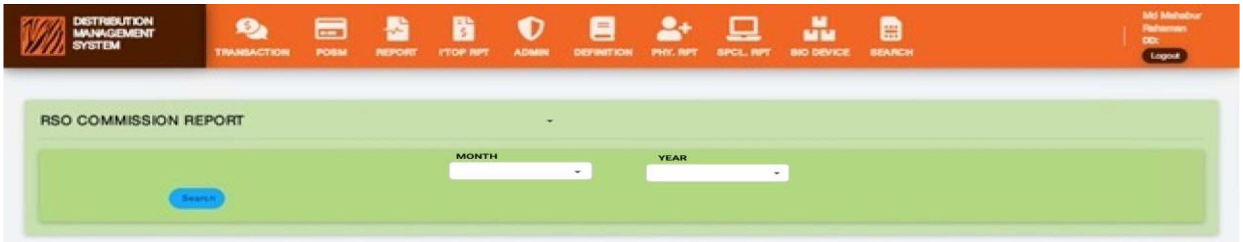
3.25.23. RSO Commission

- **Rules and Validation:**
  - ➢ User Need to login as Internal or external
  - ➢ After login user get the report according to his/her distributor which are tagged with user
  - ➢ For internal user can select single or Multiple Region.
  - ➢ For external, user will get the result according to login distributor.
  - ➢ User can Export the report to the Excel and **.csv**.
  - ➢ Include Commission Month and year

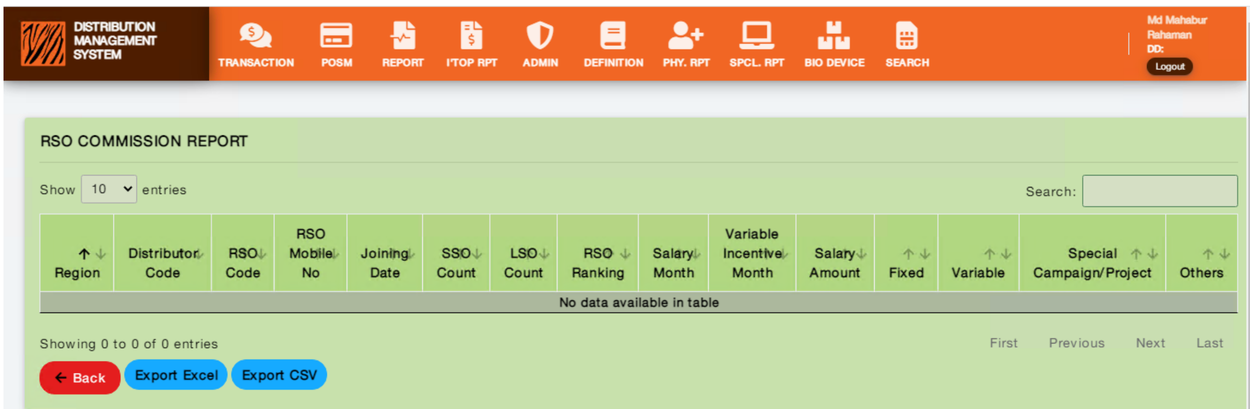
Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of RSO Commission:



UI of RSO Commission Report:



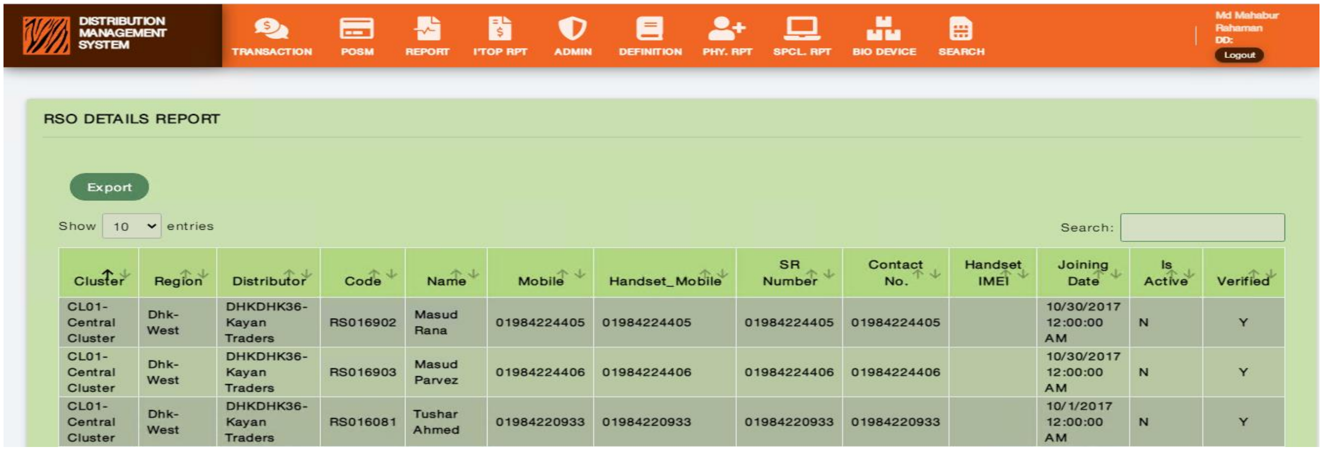
3.25.24. RSO Details Report

- **Rules and Validation:**
  - User Need to login as Internal or external
  - After login user get the report according to his/her distributor which are tagged with user
  - For internal user can select single or Multiple Region.
  - For external, user will get the result according to login distributor.
  - User can Export the report to the Excel
  - Include Commission Month and year

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of RSO Details Report:



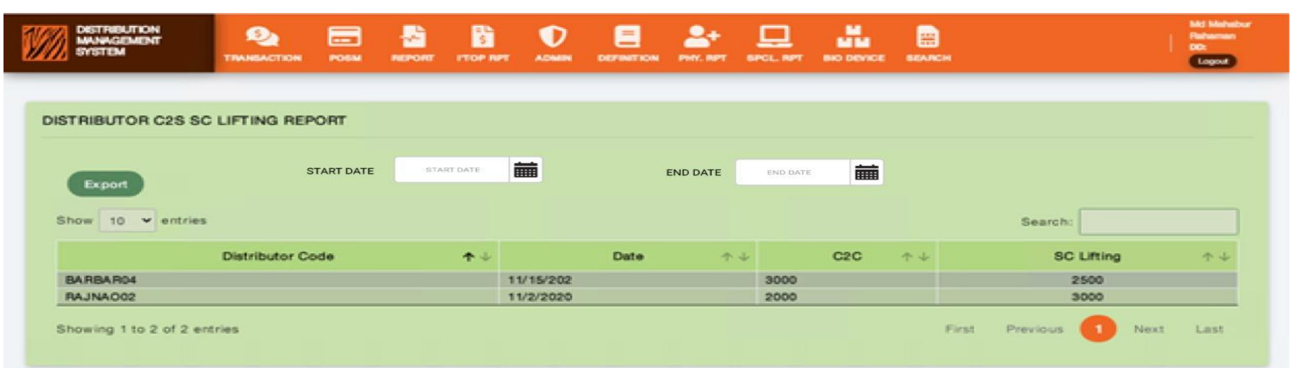
3.25.25. Distributor_C2C_SC_Lifting Report

- **Rules and Validation:**
  - ➢ User Need to login as Internal or external
  - ➢ After login user get the report according to his/her distributor which are tagged with user
  - ➢ For internal user can select single or Multiple Region.
  - ➢ For external, user will get the result according to login distributor.
  - ➢ User can Export the report to the Excel
  - ➢ Include start and end date

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of DISTRIBUTOR_C2C_SC_LIFTING REPORT:



3.25.26. Retailer_C2C_SC_ConsumptionReport

- **Rules and Validation:**
  - ➢ User Need to login as Internal or external
  - ➢ After login user get the report according to his/her distributor which are tagged with user
  - ➢ For internal user can select single distributor or all distributor to login.
  - ➢ If user select all distributor, then user get the report of all distributor.
  - ➢ If user select single distributor, then user can get the result according to login distributor.
  - ➢ User can Export the report to the Excel
  - ➢ Include date range

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of Retailer_C2C_SC_ConsumptionReport:

3.25.27. RSO_C2C_SC_IssueReport

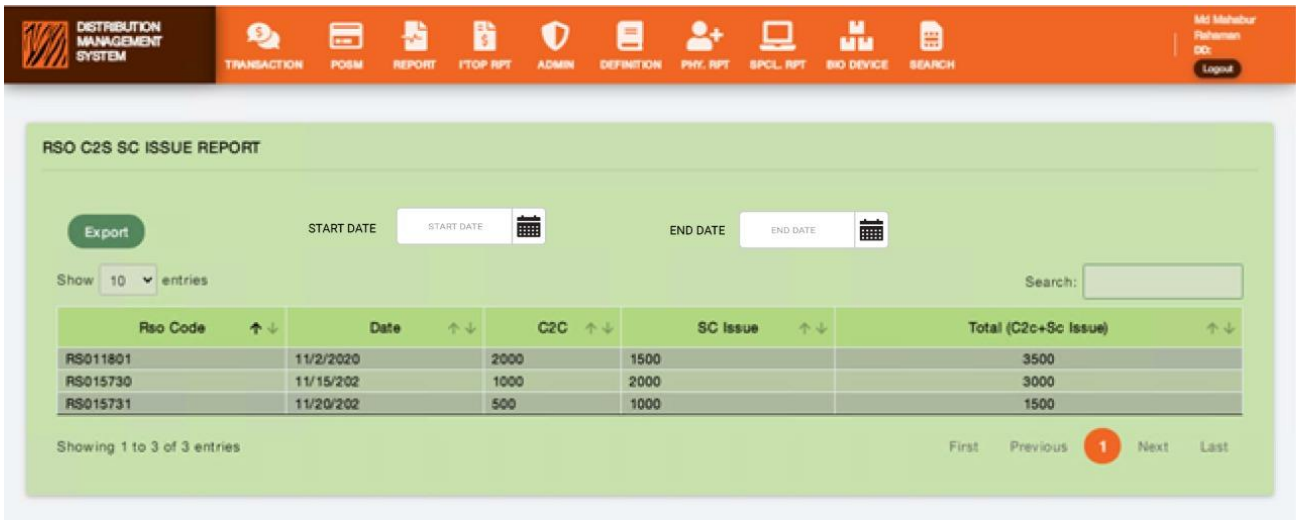
- **Rules and Validation:**
  - ➢ User Need to login as Internal or external
  - ➢ After login user get the report according to his/her distributor which are tagged with user
  - ➢ For internal user can select single or Multiple Region.

- For external, user will get the result according to login distributor.
- User can Export the report to the Excel

Report Logic:

if login all distributor or with distributor then login userid pass in this procedure (**Defination.GET_USERWISEDISTRIBUTOR**) and get all the distributorid of this user then passing all in this ID's in main SP of this report as a parameter name p_distributorid

UI of RSO_C2C_SC_IssueReport:



3.26. Report available in DMS

Following Reports need to available in DMS as Internal and External user logic

Menu	Sub Menu 1	DMS Type	Parameter Name
	Report	Both	**TransactionSummary**
	Report	Both	**ItemCurrentStock**
	Report	Both	**IssueToMarketReport**
Physical Product Report	Activation Tracking Report	Both	ActivationTrackingReport
	Biometric Device Status Update Report	Both	BiometricDeviceStatusUpdateReport
	Biometric Registration Report	Both	BiometricRegistrationReport
	Biometric Summary Report	Both	BiometricSummaryReport
	Biometrict New Reg Report	Both	BiometrictNewRegReport
	BTS wise SSO and LSO report	Both	BTSwiseSSOandLSOreport
	Rpt Issue Biometrict Device To Retailer	Both	RptIssueBiometrictDeviceToRetailer
	Rpt Issue SC To Retailer	Both	RptIssueSCToRetailer
	Rpt Issue Sim To Retailer	Both	RptIssueSimToRetailer
	rptNON_ACTIVE_SC	Both	rptNON_ACTIVE_SC
	rptNON_ACTIVE_SIM	Both	rptNON_ACTIVE_SIM
	Rpt Receive SC From Retailer	Both	RptReceiveSCFromRetailer
	Rpt Receive Sim From Retailer	Both	RptReceiveSimFromRetailer
	RPT Return Sim To Warehouse	Both	RPTReturnSimToWarehouse
	Rpt SC Inventory Status	Both	RptSCInventoryStatus
	Rpt SC Retailer Activation	Both	RptSCRetailerActivation
	Sim Inventory Status	Both	SimInventoryStatus
	SIM Replacement Report	Both	SIMReplacementReport
	SIM Replacement Stock	Both	SIMReplacementStock
	Activation Vs ETSAF Status Report	Both	ActivationVsETSAFStatusReport
	Active User Report	Both	ActiveUserReport
	App Usage Report	Both	AppUsageReport
	Deno Report Api Summary	Both	DenoReportApiSummary
	Deno Report Details	Both	DenoReportDetails
	Dist Commission Details Report	Both	DistCommissionDetailsReport
	Dist Commission Payout Report	Both	DistCommissionPayoutReport
	DistCommissionSummaryReport	Both	DistCommissionSummaryReport
	DistributorFloorIMEIReport	Both	DistributorFloorIMEIReport
	DistributorIncomeReport	Both	DistributorIncomeReport
	DistributorOperation	Both	DistributorOperation
	DistTaxOnCommissionReport	Both	DistTaxOnCommissionReport
	ETSAFRejectionListReport	Both	ETSAFRejectionListReport
	EVPendingTaskSummary	Both	EVPendingTaskSummary
	EVSystemTaskStatus	Both	EVSystemTaskStatus
	EVSystemTaskStatusReport	Both	EVSystemTaskStatusReport
	NTRReport	Both	NTRReport
	OutletProductivityReport	Both	OutletProductivityReport
	PSTReport	Both	PSTReport
	RetailerCommissionRptDtls	Both	RetailerCommissionRptDtls
	RetailerCommissionRptSmry	Both	RetailerCommissionRptSmry
	RetailerListReport	Both	RetailerListReport
	RetailerRSOSupervisorPerformanceTracking	Both	RetailerRSOSupervisorPerformanceTracking
	RSOCalendarReport	Both	RSOCalendarReport
	RSOCommission	Both	RSOCommission
	RsoDetailsReport	Both	RsoDetailsReport
	SAFReport	Both	SAFReport
Itop Up Report	DISTRIBUTOR_C2C_SC_LIFTINGReport	Both	DISTRIBUTOR_C2C_SC_LIFTINGReport
	ITopUpActualIssue	Both	ITopUpActualIssue
	ITopUpActualIssueNational	Both	ITopUpActualIssueNational
	ITopUpBalanceByRoute	Both	ITopUpBalanceByRoute
	ITopUpBalanceReport	Both	ITopUpBalanceReport
	ITopUpDetailReport	Both	ITopUpDetailReport
	ITopUpDetailsByRoute	Both	ITopUpDetailsByRoute
	ITopUpDetailsDDWise	Both	ITopUpDetailsDDWise
	ITopUpIssueTarget	Both	ITopUpIssueTarget
	ITopUpIssueTargetNational	Both	ITopUpIssueTargetNational
	ITopUpMidday	Both	ITopUpMidday
	ITopUpSalesByRoute	Both	ITopUpSalesByRoute
	ITopUpSalesDDWise	Both	ITopUpSalesDDWise
	ITopUpStockLiftingByRoute	Both	ITopUpStockLiftingByRoute
	ITopUpStockLifting	Both	ITopUpStockLifting
	ITopUpStockLiftingDDWise	Both	ITopUpStockLiftingDDWise
	ITopUpSales	Both	
	Retailer_C2C_SC_ConsumptionReport	Both	Retailer_C2C_SC_ConsumptionReport
	RSO_C2C_SC_IssueReport	Both	RSO_C2C_SC_IssueReport

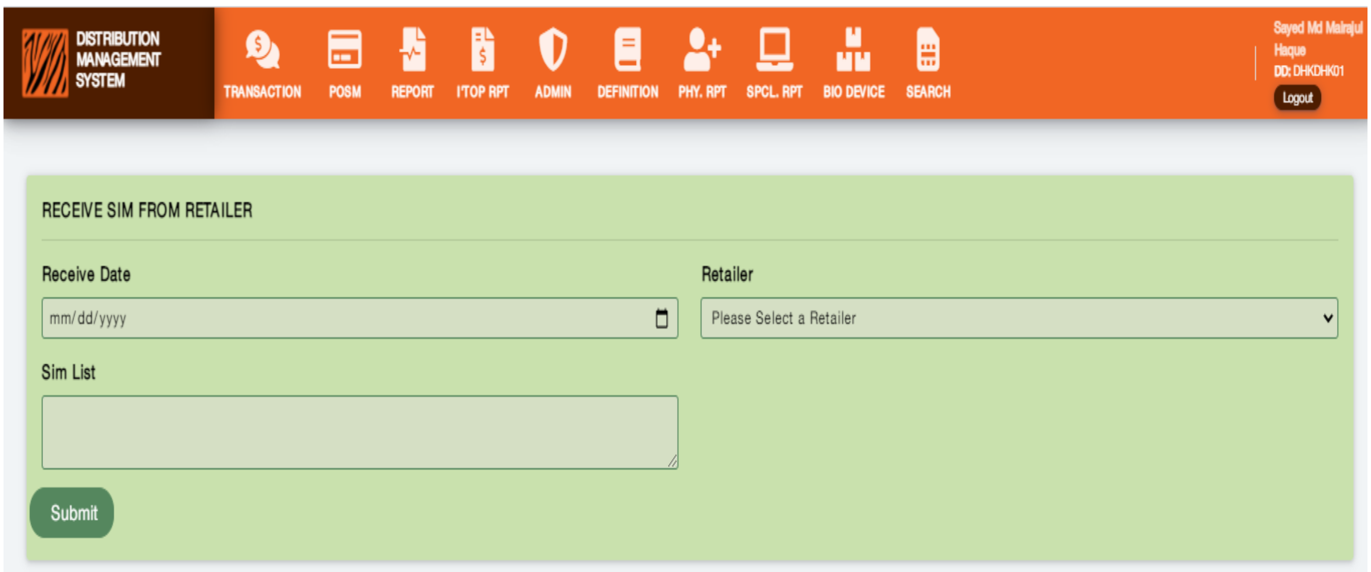
3.27. Report Modify Itop up Monthly report job based

Following reports need to modify and current SP transfer in Job process in Oracle and report parameter and output as its in old DMS system

- Lifting Distributor wise By Month
- Lifting Region wise By Month
- Lifting Route wise By Month
- Lifting RSO wise By Month
- Sales Distributor wise By Month
- Sales Region wise By Month
- Sales Route wise By Month
- Sales RSO wise By Month

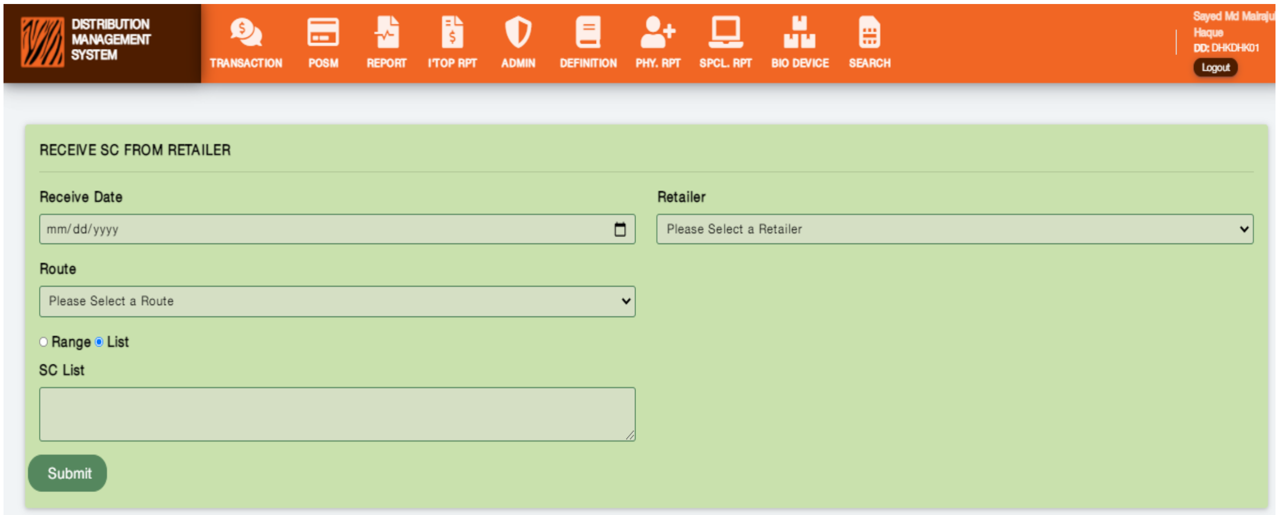
3.28. Terminated Retailer List show in Return SIM, Device, SC

Receive SIM from Retailer



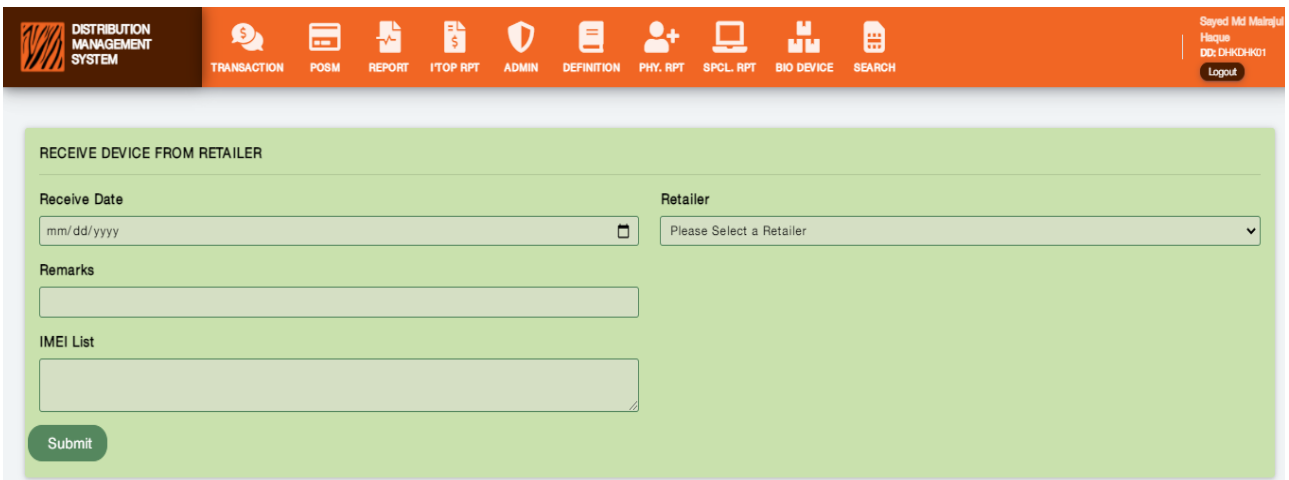
- **While return SIM from Retailer, Terminator Retailer list must be shown in Retailer Dropdown**

Receive SC from Retailer



- **While return SIM from Retailer, Terminator Retailer list must be shown in Retailer Dropdown**

Receive Device from Retailer



- **While return SIM from Retailer, Terminator Retailer list must be shown in Retailer Dropdown**