Wealth Tracker

USE CASE 043

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1. Document Control

Revision History

Date	Version	Remarks	Author	Description

2. Table of Contents

3. Report Builder

Use Case Overview

This utility will allow user to produce multiple reports, at once. And the output will be one continuous statement with page breaks after every report. This can be used for reporting at specific time periods.

Use Case Details

Use Case No	043
Use Case Name	**Use report builder**
Use Case Description	This use case will allow the user to produce all selected reports for a respective client. The output report will be a single PDF with all reports selected, appended one below the other.
Actor	RM User, System
Precondition(s)	User should have access to wealth tracker tool All data required from other systems/sources (CFA/MFHK/manual feed) should be available to WT tool
Basic Flow	**Inputs required:** Client transactions Scheme portfolio data Scheme market data (NAV) Report specific inputs: Client Index series (if either 'efficient frontier' or 'contribution' report is chosen) Efficient frontier data & model portfolios Credit quality score (of schemes) Sensitive sectors/investments Issuer ratings **Admin configurations:** Admin will have uploaded a Cover page (if needed) that will be the first page of Consolidated report.

Admin will have uploaded a last page (if needed)

Admin will have defined order of reports (as they should appear in front end menu and consolidated report)

1. User will arrive at the report builder page. [Note: Report builder link will be active only if one client is selected, if multiple clients are in context, it's link will be disabled]

2. User can view Global filters and modify them as follows:

   a. Select distributor: [Distributor selection is available for implementations where multi-distributors are configured]

   b. Select products: This is a multi-select dropdown, where all products configured 'Y' for the resp. client will be selectable.

   c. From date: User can select the start date of the repots. This is applicable only to performance reports.

   d. Report as of date: This is the 'to date' for performance reports, and 'as of date' for portfolio reports.

3. Product wise filters: User will be able to view all product wise filters, but their modification will not be allowed. By default 'all' will be selected in all filters.

4. Report selection: User will be able to see a list of reports, from which user can select reports to include in the 'Consolidated report'. [List of reports to be populated: All reports that have been configured 'Y' for the respective Client will be displayed. 'Hypothetical portfolio' report even if 'Y' will not appear here.] Order of appearance of reports in the consolidated report will be as defined in admin module.

5. Report level filters: For the reports selected, user will be able to see report level filters as applicable for each report. Only unique list of filters applicable to all reports selected will appear on the screen. User can modify it as required. The selection will be uniform for all reports (wherever applicable as mentioned in table below).

Performance reports	Filters						
Report Name	Report level	Active transactions	Live investments	Consolidate div/ bonus	Show unrealized?	Show all category	Show insurance?
Portfolio Summary							
Account Statement		Y	Y	Y			
Trade Book		Y					
Capital Gains	Summary/Scheme/transaction	Y			Y		
Scheme-wise		Y	Y				

Performance Snapshot	Scheme/ Transaction	Y	Y	Y		Y	Y
Performance Analysis			Y				
Portfolio Reports	Filters						
Company/Industry Exposure							
Asset allocation report							
asset quality report							
Investment type report							
Efficient frontier							
Portfolio Contribution	Benchmark selection for each scheme category						
Credit quality assessment							
credit quality classification							
Investment Profile report							
Sensitive sector debt portfolio							
Sensitive investments Report							
Compare with index Report							

6. System will do the following processes in the back-end:

    a. One pre-processing table will be populated in the background. The table will be directly used for performance reports.

	b. Holdings (i.e. balance units in each scheme held by the respective investor) will be derived from pre-processing table 'balance units' (column) as on 'to date'. This will be used for portfolio reports. c. Index series will be calculated (if either contribution or efficient frontier report is selected) d. Report logic for each report that are selected in front-end will be run to produce output of each report. Output: The output will not be displayed in the front-end. A PDF file will be downloaded onto the local device/machine. General format of the Consolidated report will be as follows: 1. Cover page 2. Report information page (Name of Client, Client code, Date range of reports, Transactions data as of, Market data as of, Portfolio data as of) 3. Report 1 (Report graph if any, report data table, footnote if any) 4. Report 2 (Report graph if any, report data table, footnote if any) 5. Report n (Report graph if any, report data table, footnote if any) 6. Disclaimers (CRISIL & Client disclaimers) 7. Last page All reports will use the consolidated distributor format. All reports will have 'report information' at the start mentioning date range, distributor names etc as per report formats. All reports will be displayed with their respective footnotes. A page break will be inserted after each report. (Hence a new report will always start on a new page)
Exception	EX01: Any one of the validation (for any report selected) is violated: In this case, relevant errors are displayed on the screen and consolidated report will not be produced. EX02: Efficient frontier/ model portfolio data not found: In this case, relevant errors are displayed on the screen and consolidated report will not be produced. EX03: Sensitive sectors data not found: In this case, relevant errors are displayed on the screen and consolidated report will not be produced. EX04: Sensitive investments data not found: In this case, relevant errors are displayed on the screen and consolidated report will not be produced. EX05: One of the scheme's included in the portfolio's credit score not found: In this case, relevant errors are displayed on the screen and consolidated report will not be produced.

Alternate Scenario 1,2,3	None
Validation	Run all validations as mentioned for all reports selected (as mentioned in a respective report's use case)
Post condition	User has created a consolidated report for a respective client.
Frequency of use	
Assumptions	NA

Common parameters	Parameters	
	Search	NA
	Filter	NA
	Sort	NA
	Aggregate functions (Min, Max, Average, Sum, Count)	NA
	Notification & Email template	NA
	Drill down feature	NA
	Capture audit trail	NA
	Performance matrix	NA
	Export	NA
	Implication of Concurrent Users	

Notes & Issues	NA
Out of scope	NA
Sample Image	

Attachments	NA