

Purpose

To showcase the Expense Reconciliation Frontend workflow, where bills and purchase orders are fetched from S3 and processed for reconciliation, with step-by-step screenshots.

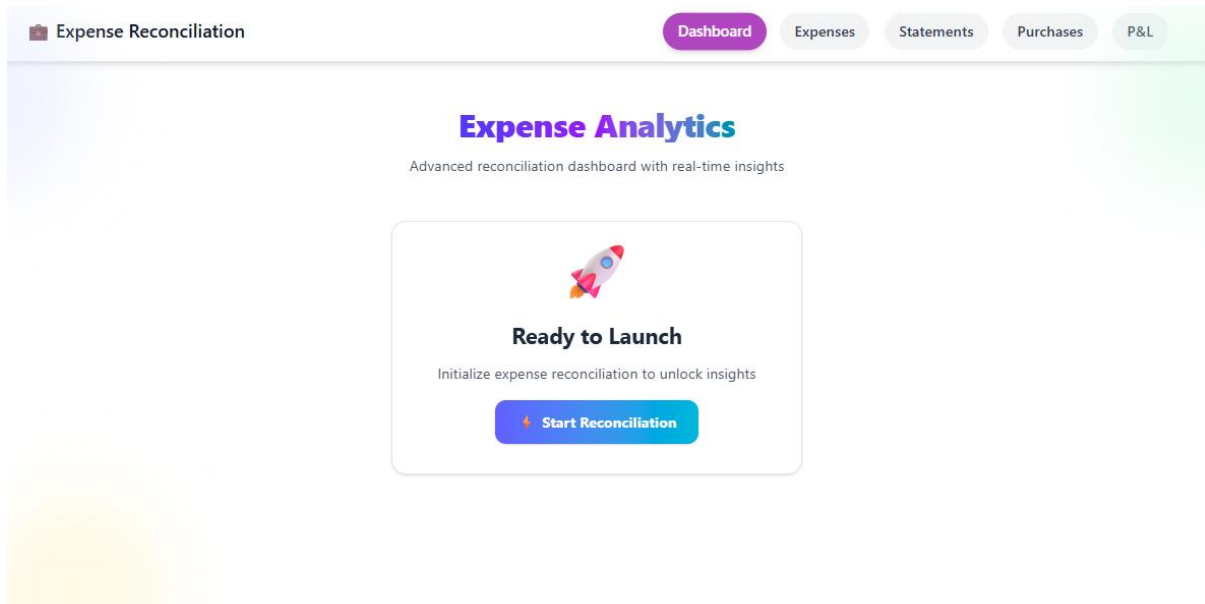
Documents & Assumptions

- The system works with two types of PDFs: a dummy expense bill and a dummy purchase order.
 - Both documents are already uploaded to S3 (no upload from the frontend).
 - The frontend triggers the backend to fetch, process, and reconcile these documents from S3.
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Procedure

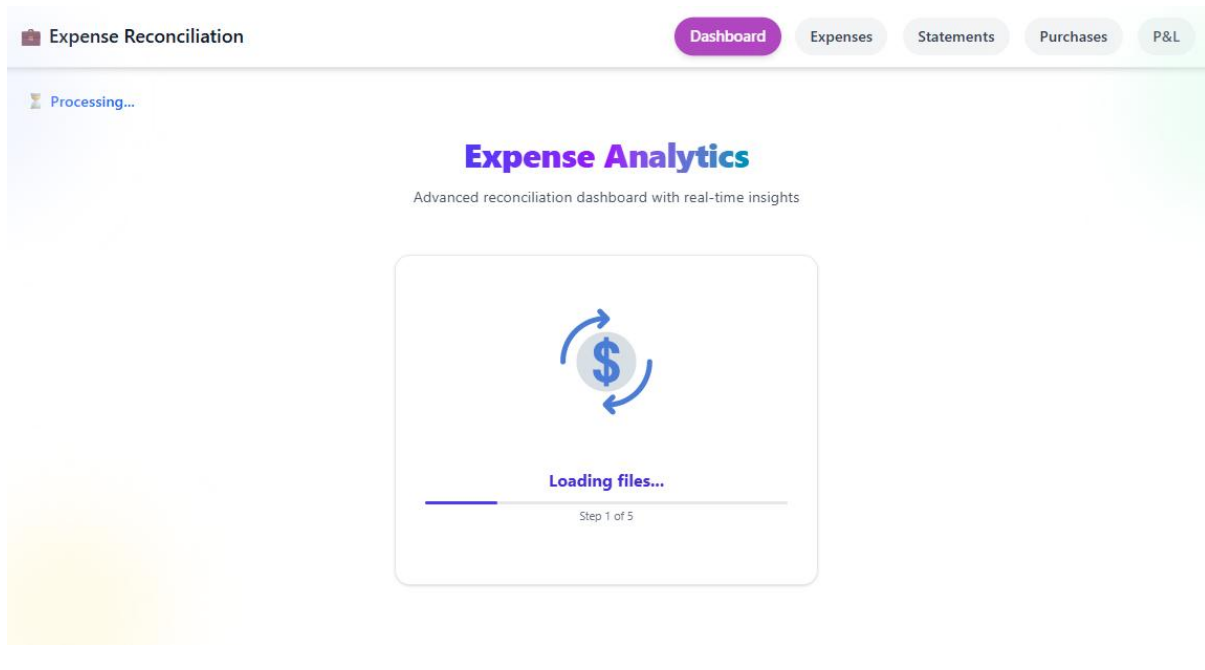
Step 1: User Opens the Expense Reconciliation Web App

- The user lands on the **Dashboard** page.
- The dashboard displays a welcome message and prompts the user to start reconciliation.



Step 2: User Initiates the Reconciliation Process

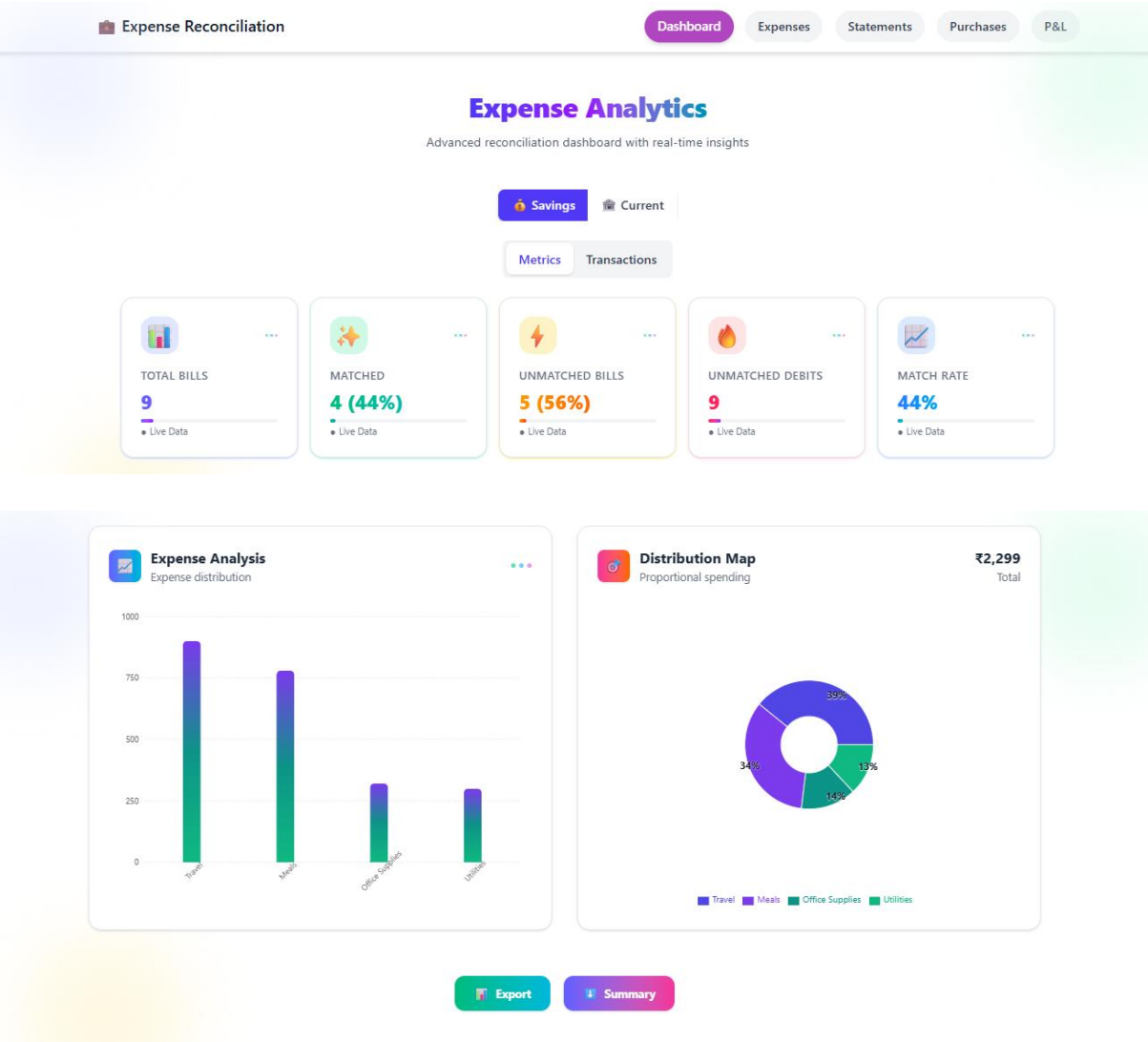
- The user clicks the **"Start Reconciliation"** button.
- The frontend sends a request to the backend (/api/reconcile).
- The backend fetches the bills and purchase orders from S3, processes them, and returns the reconciliation data.
- The frontend shows a loading animation and step-by-step progress (e.g., "Loading files...", "Extracting data with AI", etc.).



Step 3: Dashboard Displays Reconciliation Results

- Once the backend finishes processing, the dashboard updates with:
 - **Account Switcher:** The user can toggle between **Saving Account** and **Current Account** to view separate analytics for each.
 - **Summary Cards:** Show total bills, matched, unmatched, etc., for the selected account.
 - **Analytics Charts:** Visualize expenses, categories, and other metrics.
 - **Download Buttons:** For Excel and summary reports.

1. Savings Account



Saving Account Transactions :

SavingsCurrent

MetricsTransactions

Expenses

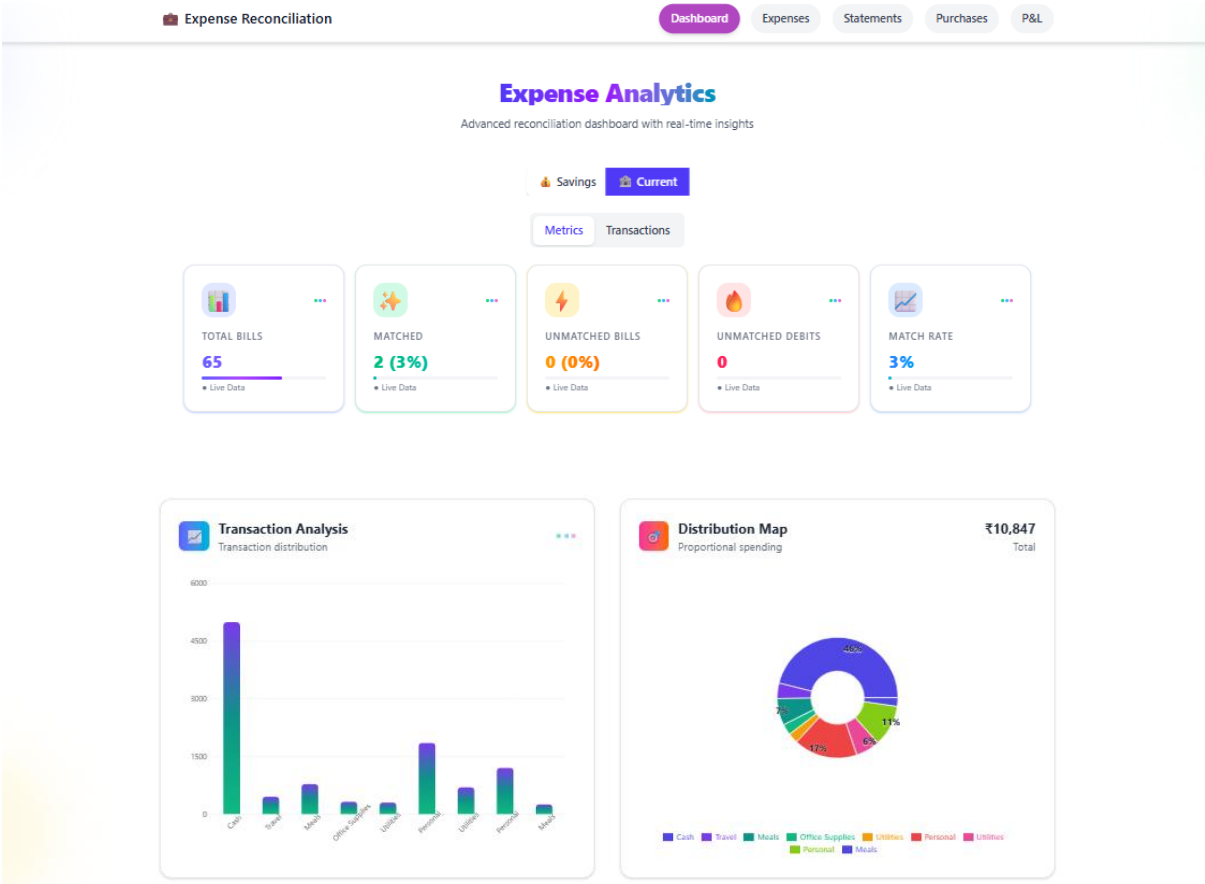
Recorded expenses

10

DATE	DESC	CATEGORY	AMOUNT	FILE
N/A	Unknown	N/A	₹0	email_Expense_bills.pdf
2025-06-10	Cab fare to client meeting	Travel	₹450	email_Expense_bill_1.pdf
2025-06-11	Team lunch with client	Meals	₹780	email_Expense_bill_2.pdf
2025-06-12	Purchased presentation folders	Office Supplies	₹320	email_Expense_bill_3.pdf
2025-06-13	Prepaid internet data recharge	Utilities	₹299	email_Expense_bill_4.pdf
2025-06-10	Cab fare to client meeting	Travel	₹450	email_Expense_bill_5.pdf
N/A	Generated on 19-Jun-2025 11:10:00	N/A	₹299	email_Expense_bill_EXP-2025-004.pdf
N/A	Amount in Words: 780 Rupees Only	N/A	₹780	whatsapp_expense_bill_file_20250630...
N/A	Amount in Words: 780 Rupees Only	N/A	₹780	whatsapp_expense_bill_file_20250714...
N/A	Amount in Words: 780 Rupees Only	N/A	₹780	whatsapp_expense_bill_file_20250714...

ExportSummary

2. Current Account



Current Account Transactions:

SavingsCurrent

MetricsTransactions

Transactions

Bank entries

12

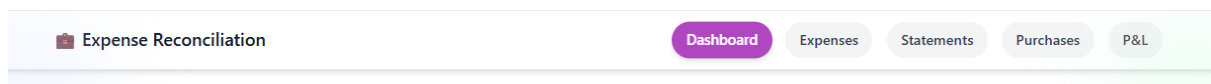
DATE	DESC	CATEGORY	AMOUNT
2025-06-09	ATM Cash Withdrawal	Cash	₹5,000
2025-06-10	Cab fare to client meeting	Travel	₹450
2025-06-11	Team lunch with client	Meals	₹780
2025-06-12	Purchased presentation folders	Office Supplies	₹320
2025-06-13	Prepaid internet data recharge	Utilities	₹299
2025-06-14	Online Shopping - Amazon	Personal	₹1,849
2025-06-15	Refund from hotel booking	Travel	₹1,500
2025-06-16	Mobile bill payment	Utilities	₹699
2025-06-17	Bank processing fee	Charges	₹25
2025-06-18	UPI to R Sharma	Personal	₹1,200

Export

Summary

Step 4: User Navigates to Other Main Views

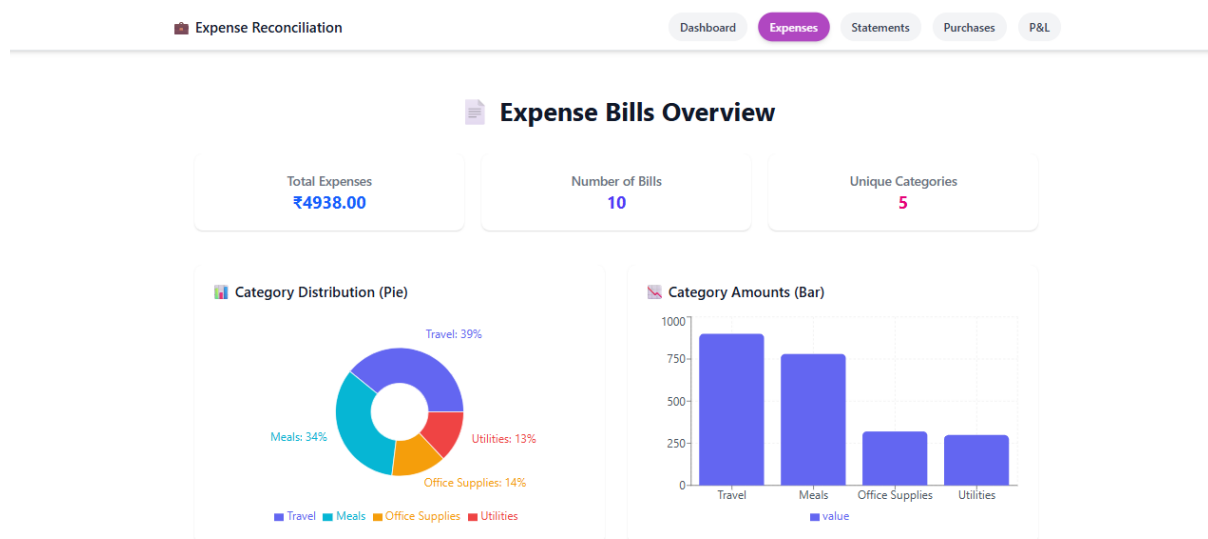
- The user can use the top navigation bar to switch between:
 - **Dashboard**
 - **Expenses**
 - **Statements**
 - **Purchases**
 - **P&L (Profit & Loss)**
 -



Step 5: Using Tabs and Filters Within Each View

A. Expenses View

- The Expenses view has its own navigation tabs (e.g., Metrics, Transactions).
- The user can switch between summary metrics and a detailed transaction table.

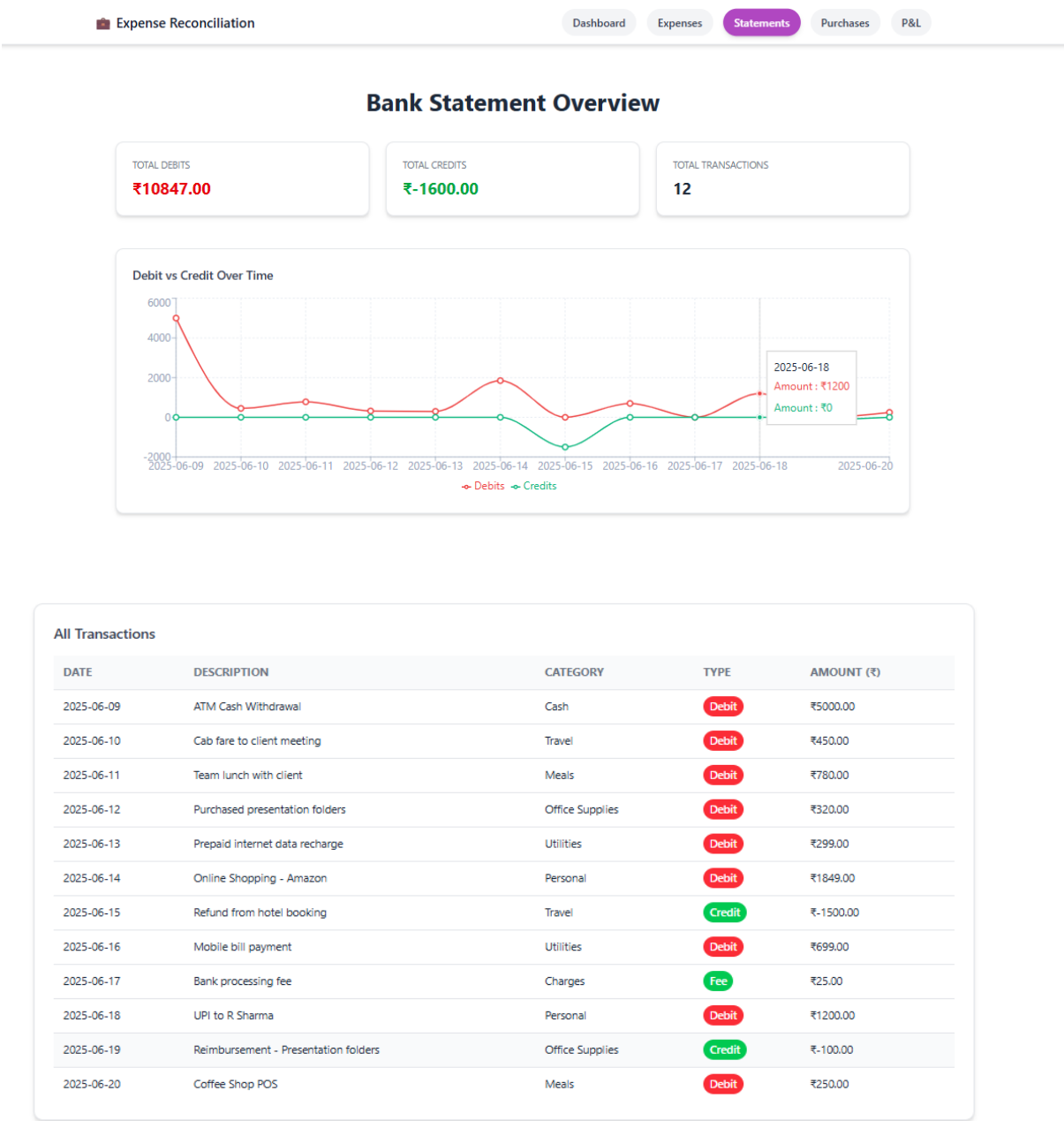


 All Expense Bills

Date	Description	Category	Amount (₹)	File
	Unknown		—	 email_Expense bills.pdf
2025-06-10	Cab fare to client meeting	Travel	450.00	 email_Expense_Bill_1.pdf
2025-06-11	Team lunch with client	Meals	780.00	 email_Expense_Bill_2.pdf
2025-06-12	Purchased presentation folders	Office Supplies	320.00	 email_Expense_Bill_3.pdf
2025-06-13	Prepaid internet data recharge	Utilities	299.00	 email_Expense_Bill_4.pdf
2025-06-10	Cab fare to client meeting	Travel	450.00	 email_Expense_Bill_5.pdf

B. Statements View

- The Statements view also features navigation tabs for different statement types or views.



C. Purchases View

- The Purchases view includes tabs to filter by source (All, WhatsApp, Gmail).
- The user can search, filter, and sort purchase orders.

Expense Reconciliation

DashboardExpensesStatementsPurchasesP&L

Purchase Orders

Manage and track your purchase orders with style

All

Whatsapp

Gmail

Search vendors, orders, or items...

dd-mm-yyyy

Latest First

Total Orders
14
Active orders

Total Value
₹ 3,99,263.90
Total spent

Latest Order
2025-06-12
Most recent

Global Manufacturing Corp
2025-06-12

Total Amount ₹ 28,518.85
Items 6
Delivery 2025-06-26
View Details

Global Manufacturing Corp
2025-06-12

Total Amount ₹ 28,518.85
Items 6
Delivery 2025-06-26
View Details

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Global Manufacturing Corp
2025-06-12

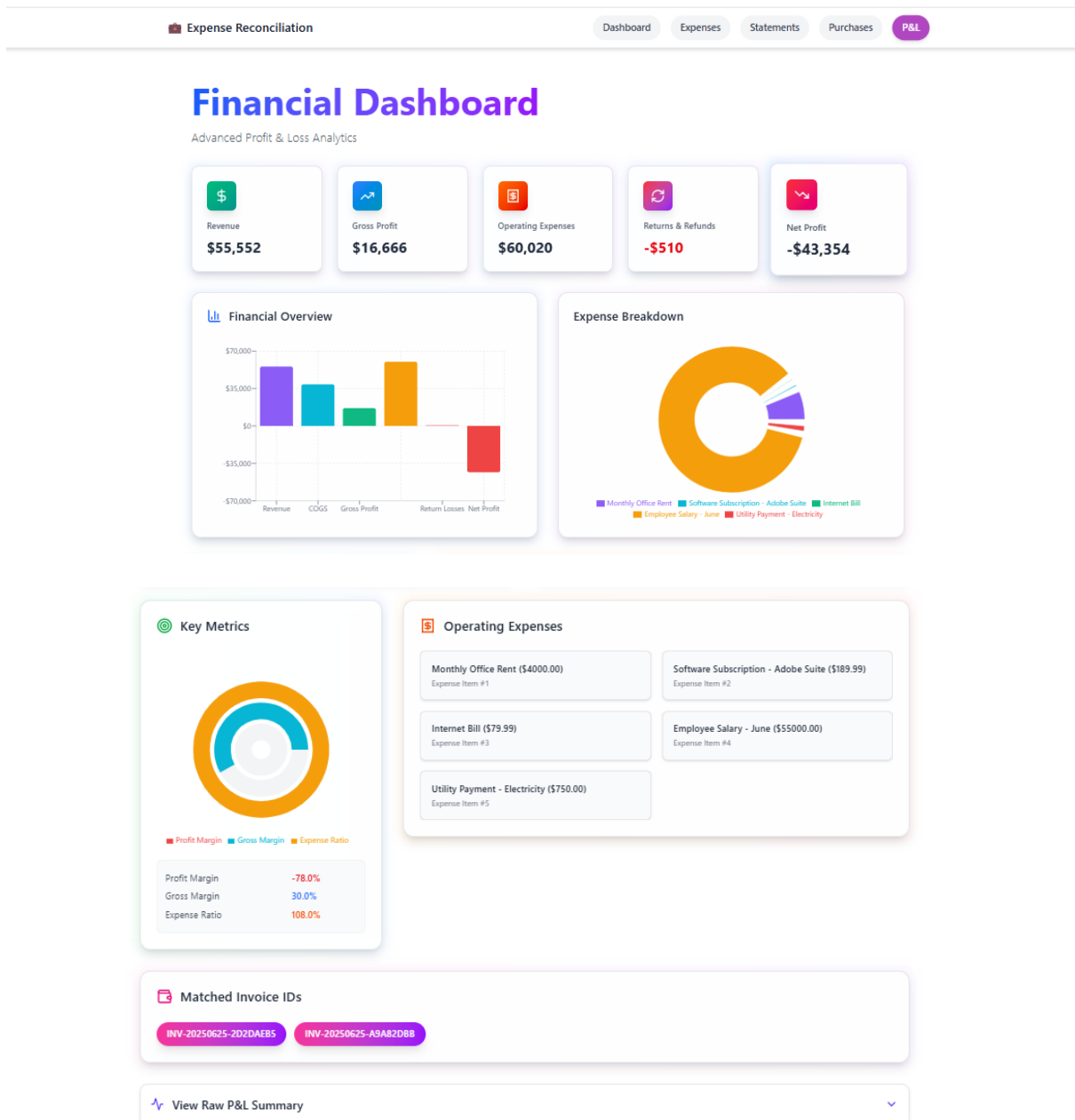
Total Amount ₹ 28,518.85
Items 6
Delivery 2025-06-26
View Details

Showing 1 to 8 of 14 orders

Previous12Next

D. Profit & Loss View

- The P&L view may have tabs for different analytics or time periods.



Step 6: Downloading Reports

- The user can download Excel or summary reports from the dashboard for the selected account.
- Screenshot:** Show the report download buttons and a sample download dialog.



Exported Excel File:

Expense Analytics

Advanced reconciliation dashboard with real-time insights



Something went wrong. Please start reconciliation again.

Ready to Launch

Initialize expense reconciliation to unlock insights

Start Reconciliation