

APPLICATION DEVELOPMENT & MAINTENANCE

Gold Factory & Jewellery Management System

A complete system to manage gold, orders, factory departments, billing, stock and ledgers for Kowsik Jewellers, a gold jewellery maker and retailer in Coimbatore.

50+

Screens designed & developed

9

Solution areas covered

1

Web application portal

4

Months, July to October 2026

**CLIENT**

Kowsik Jewellers

BUSINESS

Gold jewellery making, job work and retail

LOCATION

Coimbatore, Tamil Nadu

STATUS

All planned modules deployed; under maintenance and support

ENGAGEMENT IN BRIEF

Project Overview

Client	Kowsik Jewellers
Project title	Gold Factory & Jewellery Management System for Kowsik Jewellers
Type of business	Gold jewellery making, job work and retail
Platform	Web application
Screens	50+ designed and developed
What we delivered	A complete system to manage gold, orders, factory departments, billing, stock and ledgers
Scope of work	Application Development & Maintenance
Tech stack	PHP 8 Laravel 12 MySQL 8
Who uses it	Kowsik Jewellers operations team
Duration	July 2026 to October 2026

ABOUT THE CLIENT

Kowsik Jewellers



Kowsik Jewellers is a Coimbatore-based gold jewellery manufacturing and retail company offering custom remodelling, in-house manufacturing, bulk production for retailers, and direct retail sales.

Customers can bring their own gold (raw gold or old ornaments such as chains, earrings, nose rings and bracelets) for remodelling into new designs, or choose jewellery crafted from the company's own gold.

Kowsik Jewellers also runs an in-house manufacturing workshop with dedicated departments (casting, filing, stone setting, buffing and texturing). It produces jewellery for retail sale as well as bulk orders from large retail partners.

THE CHALLENGE

Client Needs

As Kowsik Jewellers' business grew, its tracking didn't keep pace. Operations ran on spreadsheets and manual records, which made the following increasingly hard to manage:

No centralized tracking. Transactions scattered across spreadsheets with no single source of truth.

Limited visibility. No real-time view into gold movement, production status, or outstanding dues.

Fragmented gold tracking. Gold from customers, suppliers, and retail partners was hard to trace accurately.

No department accountability. Work in progress across casting, filing, stone setting, buffing, and texturing wasn't tracked stage-wise.

No inventory visibility. Stock levels across items and departments weren't tracked in real time, making it hard to know what's available for sale or production.

Manual billing & dues. Billing, advances, and pending payments were calculated manually and prone to errors.

No consolidated reporting. No easy way to generate reports on sales, stock, dues, or department performance for business decisions.

The client needed a centralized digital system to bring structure, accuracy, and real-time visibility to every stage of their operations, from gold sourcing and in-house manufacturing to billing, stock, and reporting.

WHAT WE BUILT

The Solution

We developed a custom web-based Gold Factory & Jewellery Management System for Kowsik Jewellers, built around three things that set its operations apart:

- ◆ **A factory department chain with job cards.** Every order gets a job card that follows the gold through casting, filing, stone setting, buffing and onward, with issued weight, received weight and wastage recorded at each stage
- ◆ **Customer-owned gold tracked separately from company gold.** Gold brought in by customers is held, worked on and accounted for apart from the company's own stock, so ownership is always clear
- ◆ **Bulk production for retailers.** Alongside custom remodelling and retail sales, the same traceable workflow handles large, multi-item orders from retail partners

Together, these replace manual, spreadsheet-based tracking with one centralized platform covering master data, orders, manufacturing workflow, billing, stock, and financial ledgers.

SOLUTION AT A GLANCE

Nine areas, one platform

Dashboard

A live factory overview with key numbers and quick actions

Master Data

Items, stones, parties and departments, set up once and reused everywhere

Order Management

Customer orders using company or customer-owned gold

Job Cards

Department-by-department tracking of every order

Billing

Itemized, GST-compliant invoices with live profit visibility

Advance Receipts

Advances taken in cash, gold or both

Ledgers & Reports

Billing, cash and bank, customer and month-wise reports

Stock Management

Purchase to finished goods, fully traced

Administration

User roles, settings, gold rates and activity log

MODULE 1

Dashboard

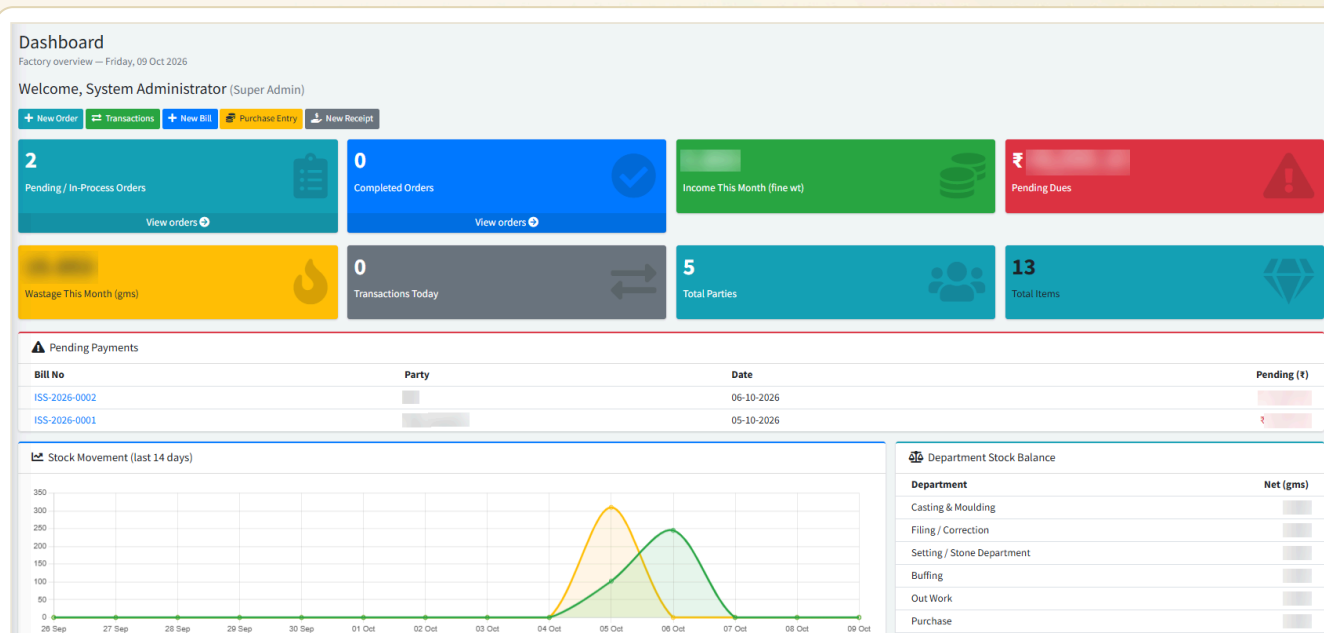
The Dashboard gives management a live factory overview the moment they log in.

Key numbers up front. Pending and completed orders, this month's income, pending dues and wastage.

Quick actions. New Order, Transactions, New Bill, Purchase Entry and New Receipt, one click away.

Stock movement. A live chart of gold received versus issued over the last 14 days, with the current balance in every department.

Daily priorities. Pending payments and recent transactions listed on the same screen.



Dashboard. Order counts, dues, wastage, quick actions, the 14-day stock movement chart and department balances. Names, phone numbers, gold weights and rupee values are blurred to protect client data.

MODULE 2

Master Data: Items & Stones

The system's master data forms the foundation for every transaction in the factory.

- ◆ **Items.** A complete catalog of every product the business handles, both finished jewellery made in-house and incoming gold (gold bars, kaccha or unrefined gold, and old gold). Each item tracks its default purity, and separately shows how much of it is held as company stock versus customer-owned stock, giving clear ownership visibility at the item level
- ◆ **Stones.** A master list of stones used in jewellery-making (diamond, ruby, emerald, and more), each with its type, shape, size, and rate. It is maintained once and reused across every order and job card

Items

Show 25 entries

Search:

Code	Name	Category	Type	Default Purity %	Opening Weight	Current Weight	Unit	Status	Actions
BB	Baby Bangle	Bangle	Finished Jewellery	—			gms	Active	
IB	Bracelet	—	Finished Jewellery	—			gms	Active	
DIL	Doller	—	Finished Jewellery	—			gms	Active	
ITM-BANGLE	Gold Bangle	Bangle	Finished Jewellery	91.700			gms	Active	
GB-9950	Gold Bar 99.50	Gold Bar	Raw / Received Gold	99.500			gms	Active	
GB-9990	Gold Bar 99.90	Gold Bar	Raw / Received Gold	99.900			gms	Active	
GB-9999	Gold Bar 99.99	Gold Bar	Raw / Received Gold	99.990			gms	Active	
ITM-CHAIN	Gold Chain	Chain	Finished Jewellery	91.700			gms	Active	
ITM-RING	Gold Ring	Ring	Finished Jewellery	91.700			gms	Active	
GOLD-KACCHA	Kaccha	Kaccha	Raw / Received Gold	91.600			gms	Active	
MG	Mogappu	Chain	Finished Jewellery	—			gms	Active	
ITM-NECK	Necklace	Necklace	Finished Jewellery	91.700			gms	Active	
GOLD-OLD	Old Gold	Old Gold	Raw / Received Gold	91.600			gms	Active	

Items. Finished jewellery and raw or received gold, each with category, type and default purity. Stock weights are blurred.

Stones

Show 25 entries

Search:

Code	Name	Color	Type	Shape	Size	Unit	Rate	Status	Actions
STN-CZ	American Diamond (CZ)		CZ	Round	—	pcs	—	Active	
STN-DIA	Diamond		Diamond	Round	—	cts	—	Active	
STN-EMR	Emerald		Emerald	Square	—	cts	—	Active	
STN-RUBY	Ruby		Ruby	Oval	—	cts	—	Active	

Showing 1 to 4 of 4 entries

Previous 1 Next

Stones. Code, type, shape, size, unit and rate for each stone.

MODULE 2

Master Data: Parties & Departments

- ◆ **Parties.** A single registry for customers, vendors, and suppliers, with opening gold and cash balances recorded from day one
- ◆ **Departments.** Each production department (Casting & Moulding, Filing/Correction, Setting/Stone, Buffing, Out Work, Purchase, Texturing) is set up with its own rules, so the right checks apply at the right stage of production

Parties (Customers / Vendors)

Balance (Parties to Company) Excess (Company to Parties) + New Client

Show 25 entries Search:

Name	Shop Name	Phone	Relation	Opening Gold	Opening Cash	Current Gold	Current Cash	Status	Actions
			CUSTOMER			Excess		Active	
			CUSTOMER				Excess	Active	
			SUPPLIER			Balance	Balance	Active	
			VENDOR			Balance	Balance	Active	
			CUSTOMER			Balance		Active	

Showing 1 to 5 of 5 entries Previous 1 Next

Parties. Customers, suppliers and vendors with opening and current gold and cash positions. Names, phone numbers and balances are blurred.

Department sequence

- 1 Casting & Moulding
- 2 Filing / Correction
- 3 Setting / Stone Department
- 4 Buffing
- 5 Out Work
- 6 Purchase
- 7 Texturing

Departments

+ New Department

Seq	Code	Name	Tracks Stone	Tracks Lot	Tracks Loss	Status	Actions
1	CAST	Casting & Moulding	—	—	✓	Active	
2	FILL	Filing / Correction	—	—	—	Active	
3	SET	Setting / Stone Department	✓	—	—	Active	
4	BUFF	Buffing	✓	✓	—	Active	
5	OUTWORK	Out Work	✓	—	✓	Active	
6	PURCH	Purchase	—	—	✓	Active	
7	TEX	Texturing	—	—	✓	Active	

Departments. The seven departments in sequence, each with its own settings for stone, lot and loss tracking.

MODULE 3

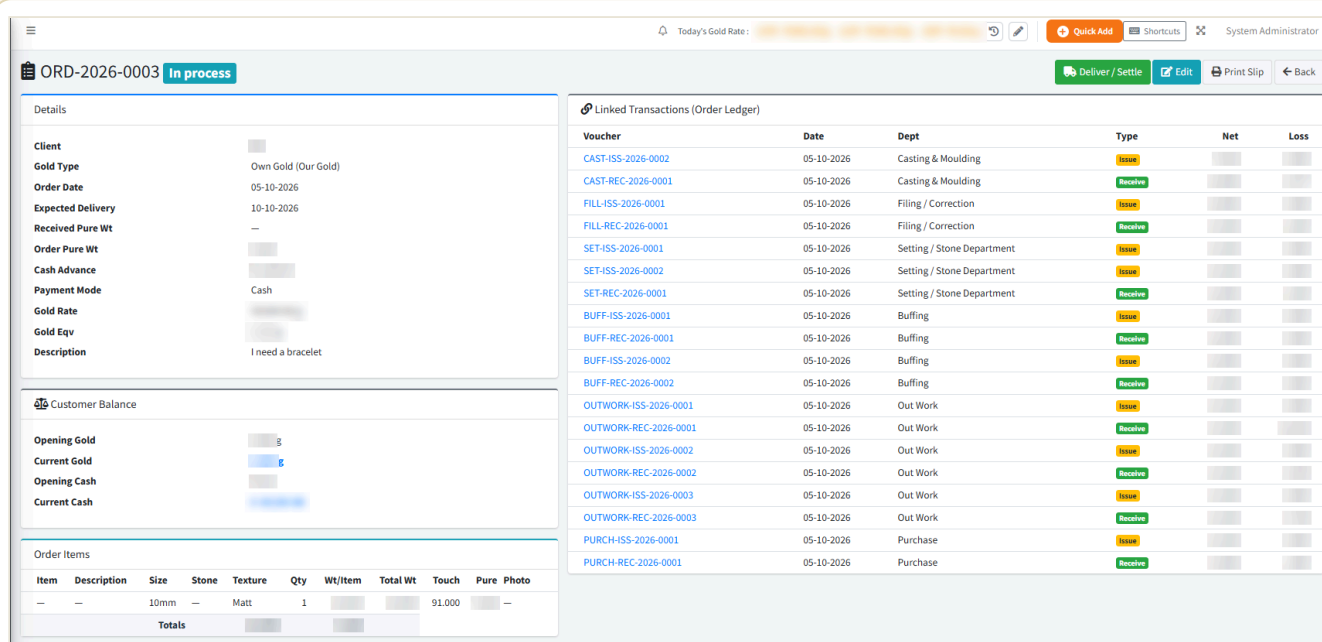
Order Management

Every customer request is captured in one place and flows straight into production.

Complete order details. Client, whether the order uses the company's gold or the customer's own gold, order date and expected delivery.

Multiple items per order. Each with its own size, stone, texture, quantity and weight. Pure weight (the weight of actual gold once purity is taken into account) and totals are calculated automatically.

Live balance indicator. Shows instantly whether an order is in gold surplus or deficit.



The screenshot displays the 'ORD-2026-0003' order in 'In process' status. The interface is divided into several sections:

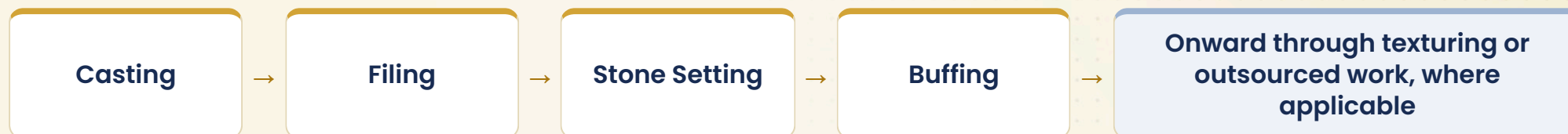
- Details:** Client (blurred), Gold Type (Own Gold (Our Gold)), Order Date (05-10-2026), Expected Delivery (10-10-2026), Received Pure Wt (—), Order Pure Wt (—), Cash Advance (—), Payment Mode (Cash), Gold Rate (blurred), Gold Eqv (blurred), and Description (I need a bracelet).
- Customer Balance:** Opening Gold (—), Current Gold (—), Opening Cash (—), and Current Cash (—).
- Order Items:** A table with columns: Item, Description, Size, Stone, Texture, Qty, Wt/Item, Total Wt, Touch, Pure, and Photo. The table shows one item with a size of 10mm, texture of Matt, and a total weight of 91.000.
- Linked Transactions (Order Ledger):** A table with columns: Voucher, Date, Dept, Type, Net, and Loss. It lists various transactions including Casting & Moulding, Filing / Correction, Setting / Stone Department, Buffing, Out Work, and Purchase, each with a 'Type' (Issue or Receive) and 'Net' value.

Order detail. Order details, customer balance, order items and the linked department transactions (order ledger). Names, phone numbers, gold weights and rupee values are blurred to protect client data.

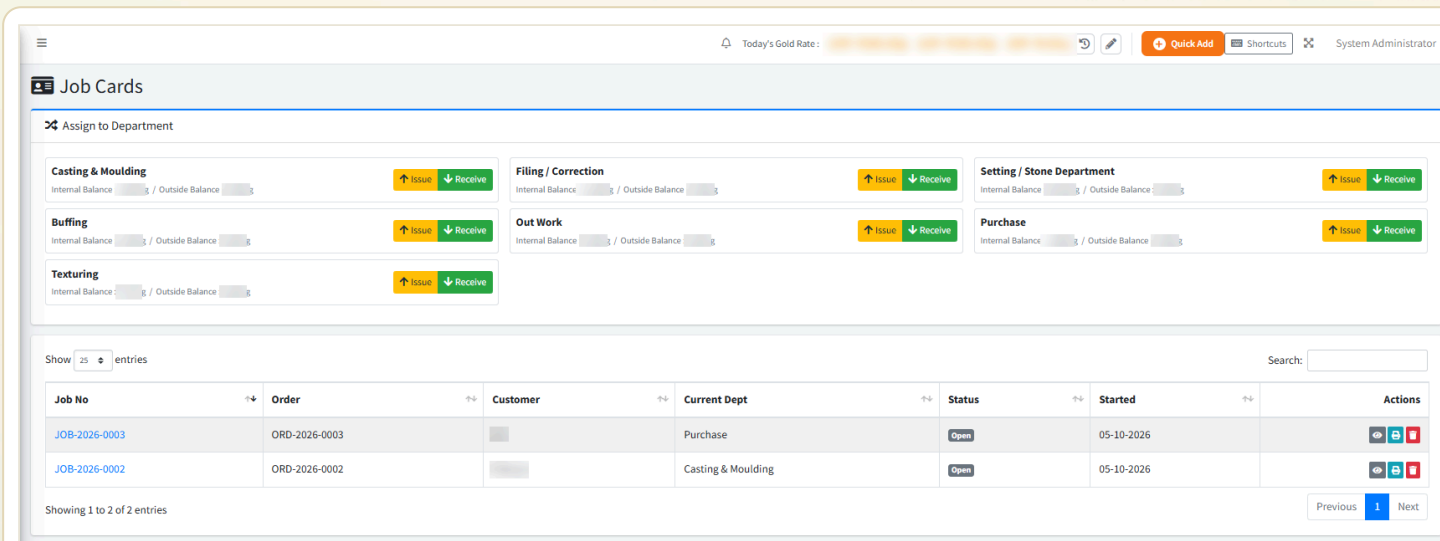
MODULE 4

Job Cards: Department Workflow Tracking

Once an order is created, the system automatically generates a Job Card, which becomes the single traceable thread for that order as it moves through the factory.



Each job card records the customer's original request (weight, purity, size, stone, texture) alongside real-time department-wise work status.



The screenshot displays the 'Job Cards' management interface. At the top, there's a header with 'Today's Gold Rate', navigation icons, and a 'Quick Add' button. Below the header, the 'Assign to Department' section shows a grid of department cards: Casting & Moulding, Buffing, Texturing, Filing / Correction, Out Work, and Setting / Stone Department. Each card includes 'Internal Balance' and 'Outside Balance' fields, along with 'Issue' and 'Receive' buttons. Below this, a table lists job cards with columns for Job No, Order, Customer, Current Dept, Status, Started, and Actions. Two job cards are visible: JOB-2026-0003 (Purchase, Open) and JOB-2026-0002 (Casting & Moulding, Open). The interface also includes a search bar, a 'Show 25 entries' dropdown, and pagination controls at the bottom.

Job No	Order	Customer	Current Dept	Status	Started	Actions
JOB-2026-0003	ORD-2026-0003		Purchase	Open	05-10-2026	  
JOB-2026-0002	ORD-2026-0002		Casting & Moulding	Open	05-10-2026	  

Job Cards. Issue and receive actions for every department, with open job cards and their current department below. Names and weights are blurred.

MODULE 4

Inside a Job Card

As gold is issued to a department and later received back, the system logs **issued weight, received weight and wastage**, with exact weight and purity, at every single stage.

A printable **Department In-Out / Stock Movement slip** gives factory staff a physical record for sign-off (Issued By, Received By, QA Sign), bridging shop-floor practice with digital tracking.

The job card's **outstanding balance and current department** are visible at a glance, so nothing gets lost as work passes from hand to hand across the factory.

JOB-2026-0003
Open
Print Dept Copy
Print Card
Back

Job Card Details

JC NoJOB-2026-0003
Order NoORD-2026-0003
Cust ID
Order Date05-10-2026

Delivery Date10-10-2026
StatusOpen
Current DeptPurchase
SourceOutsource
Outstanding

Customer Request

Name	Req Wt	Req Purity	Size	Stone	Texture	Photo	Description
—			10mm		Matt		

Department Work
Click a department to view its issued/received lines

Department	Issued	Received	Wastage	Items	Last Wt
▼ Casting & Moulding				Gold Bar 99.90	
▼ Filing / Correction				Gold Bar 99.90	
▼ Setting / Stone Department				Gold Bar 99.90	
▼ Buffing				Gold Bar 99.90	
▼ Out Work				Gold Bar 99.90	
▼ Purchase				Gold Bar 99.90	
			Total Wastage		

Vendor (Outsource) History

Vendor	Voucher	Date	Type	Issue Wt	Receive Wt	Loss	Excess
	OUTWORK-REC-2026-0003	05-10-2026 22:55	Received				

Job card detail. Customer request, department-by-department issued, received and wastage columns, and vendor (outsource) history. Names, phone numbers, gold weights and rupee values are blurred to protect client data.

MODULE 5

Billing: From Factory Floor to Finished Invoice

The Billing module is where finished jewellery becomes a transaction. It converts factory output into an accurate, ready-to-issue invoice in one flow, without a manual calculation.

Order-linked or standalone billing. Bill against an existing order or raise a walk-in retail bill from the same screen.

Automatic weight and purity calculation. Gross, stone and net weights, wastage and purity are calculated automatically, so the customer can see exactly how the billed gold weight was arrived at.

Fully itemized, GST-compliant invoices. Stone, hallmarking, engraving, enamel and other making charges are shown separately instead of as a lump sum.

Live profit visibility. Every bill shows gold profit, extra charges collected and total margin as each bill is created.

Customer balances applied in one click. Existing gold or cash balance is shown on the bill and adjusted automatically.

Flexible payments. Cash, Gold, Cash + Gold or Pay Later, with partial payments and full payment history tracked against each bill.

Branded invoice, ready to print. A professional invoice that can be handed to the customer on the spot.

This turns billing from a calculator-and-notebook exercise into a precise, auditable, profit-aware process.

MODULE 5

Inside a Bill

$$\text{Gross weight} - \text{Tag / cover} - \text{Stone} - \text{Enamel} = \text{Net weight} \times \text{Purity \%} + \text{Wastage} = \text{Total (gms)}$$

ISS-2026-0001
Edit Back Print Delete

Bill Details

Date: 05-10-2026
Type: Issue (Stock Out)
Party:
Item(s): Baby Bangle
Order(s): -
Rate / Gram: Rs.
Original Cost Weight: gms = Rs.
Sale Cost Weight: gms = Rs.
Enamel Weight: gms
Wastage: 7.996% = gms = Rs.
Extra Charges: Rs.
Remarks: -
Created By: System Administrator

Payment Summary

Total Cash Received: Rs.
Total Fine Gold Received: gms
Total Gold Payment Value: Rs.
Total Received (Cash + Gold): Rs.
Pending Balance: Pending

Payment History

Date	Mode	Cash	Gold Item	Gold Wt / Touch	Gold Value	Received
No payment received yet.						

Record Next Payment

Calculation

Gross Weight:
(-) Tag / Cover Weight:
(-) Stone Weight:
(-) Enamel Weight:
Net Weight:
Net Purity (× Purity%):
(+) Wastage (gms):
Total (gms):
Purity: %
Original Cost Weight: gms = Rs.
Sale Cost Weight: gms = Rs.
Income (Original - Sale gms):

Press the "Print Scrn" on your keyboard to take a screenshot

Bill view. Bill details, the step-by-step weight and purity calculation shown above, payment summary and payment history on one screen. Names, phone numbers, gold weights and rupee values are blurred to protect client data.

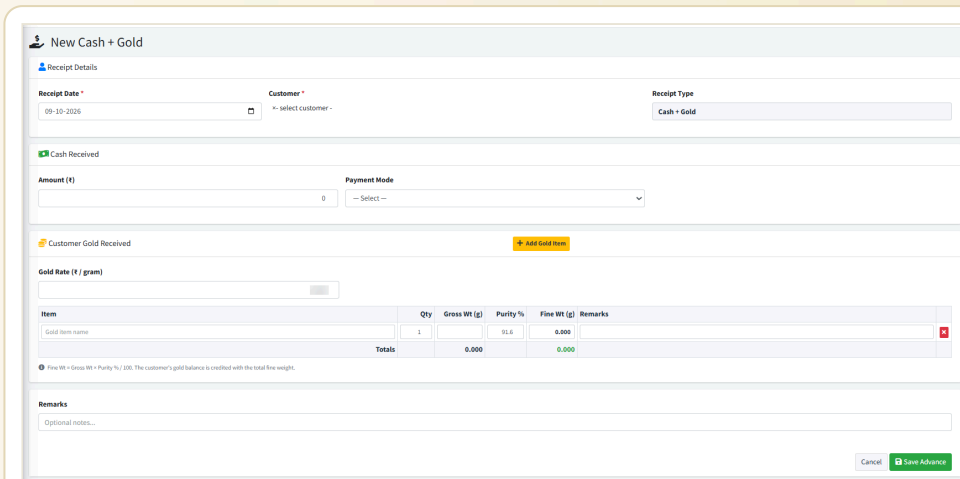
MODULE 6

Advance Receipts: Tracking Cash, Gold, or Both

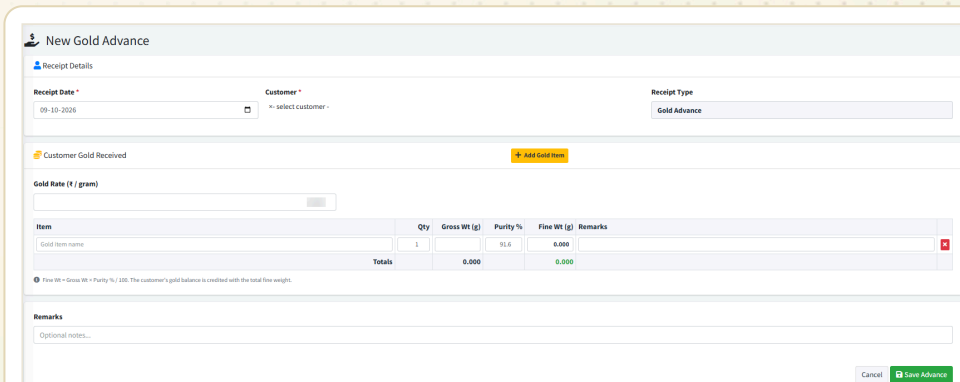
Kowsik Jewellers routinely receives advances in different forms, and the system handles every scenario with equal precision.

- ◆ **Three advance types, one flow.** Cash, Gold, or Cash + Gold, each captured through its own form
- ◆ **Old gold itemized.** Every ornament received (chain, pendant, bracelet and so on) is logged with its weight, purity and remarks
- ◆ **Automatic pure-gold credit.** The exact pure gold received is credited to the customer's balance, with no manual purity math
- ◆ **Valued at the day's gold rate.** Cash advances are converted to gold-equivalent weight at the day's rate, consistently across cash, gold and mixed advances

This gives Kowsik Jewellers a clear, itemized record of every advance, with each ornament's weight and purity on file and linked to the customer's balance.



Cash + Gold advance. Cash received and itemized customer gold on one form. The gold rate is blurred.



Gold advance. Each ornament with quantity, gross weight, purity and fine weight; the customer's gold balance is credited with the total fine weight.

MODULE 7

Ledgers & Reports: Complete Financial Visibility

The Ledgers & Reports suite gives management a transparent, audit-ready view of all the money and gold moving through the business.

Billing Report (Issue / Received)

Every stock-out and stock-in transaction by party, with weights, sale value, amount paid and balance. A one-click 9-9 cycle filter selects the shop's billing period, which runs from the 9th of one month to the 8th of the next (for example, 9 September to 8 October), and reports can be exported directly.

Billing Report — Issue / Received

From: 01-09-2026 To: 30-11-2026

↑ Issue (Stock Out) 2 entries

Date	Party Name + Contact	Particulars	WT	Tag Wt	Stone Wt	Net Wt	Purity %	Fine @ Cost	Sale Purity %	Fine @ Sale	Sale Cost	Paid	Balance
05-10-2026		Baby Bangle					91.60%		91.60%				
06-10-2026		Doller / ORD-2026-0003					91.60%		91.60%				
Totals													

Billing Report. Names, phone numbers, gold weights and rupee values are blurred to protect client data.

Month-wise Report

A periodic view of production activity and gold accountability across departments: gold issued, received and balance for any date range, with a date-wise breakdown and one-click export.

Month Wise Report

From: 01-10-2026 To: 31-10-2026
Range: 2026-10-01 - 2026-10-31

Casting & Moulding

Filing / Correction

Setting / Stone Department

Buffing

Out Work

Purchase

Purchase 91 →

	Issue	Receive	Balance
Tot Issue Wt			
Tot Receive Wt			
Balance			
Balance Pure Wt			

Purchase 91% — date wise

[View all entries](#)

Month-wise Report. Department sections for the selected range. Weights are blurred.

MODULE 7

Cash, Bank & Customer Ledgers

Cash & Bank Report

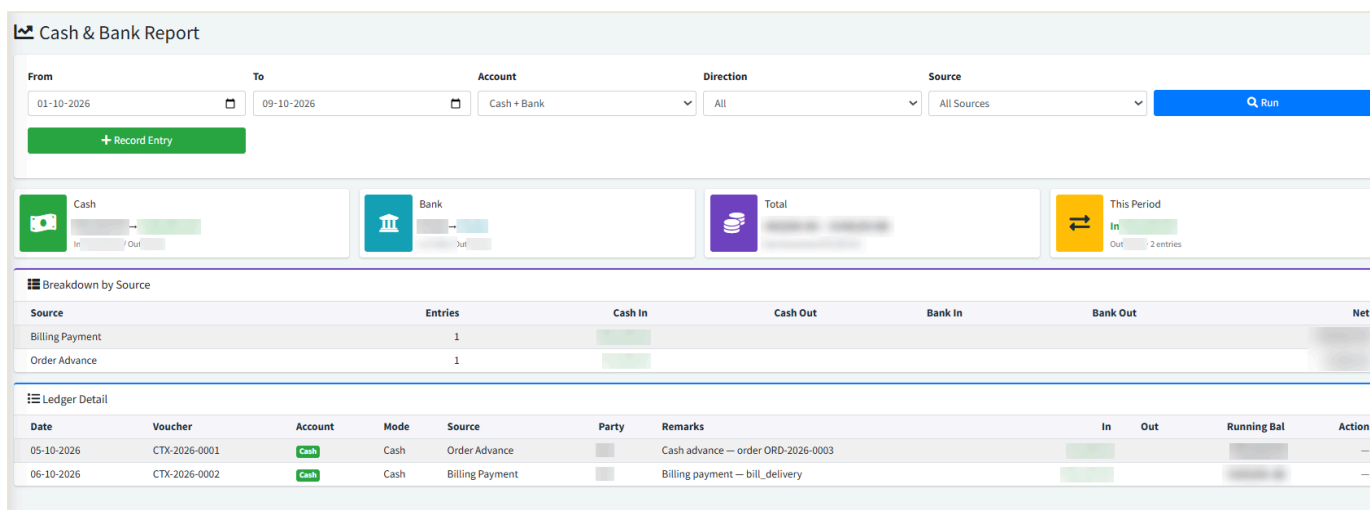
Cash and bank balances side by side, with a breakdown of where money came from and went (billing payments, advances, supplier payments and more), plus a full transaction trail with running balance.

Manual entries

Exceptional cash or bank postings are recorded in the same auditable ledger.

Customer Ledger

Each customer's gold and cash position in one place, answering instantly "what does this customer owe us, or what do we owe them?"



Cash & Bank Report. Filters, cash and bank summary cards, breakdown by source and the ledger detail with running balance. Names, phone numbers, gold weights and rupee values are blurred to protect client data.

Where the team once tallied cash books and customer accounts by hand at month-end, Kowsik Jewellers now has an always-current financial picture, available on demand.

MODULE 8

Stock Management: Purchase to Finished Goods

This is where the system's real strength shows. Every purchase, issue, receipt and delivery is recorded, so stock is always up to date.

- ◆ **Purchase Entry.** Every gold purchase is recorded with weight and purity, pure gold is calculated automatically, and opening and closing stock update on their own
- ◆ **Item Stock Summary.** For any item, see the full breakdown: customer gold in the vault, company gold, work in progress in departments, with outside vendors, finished stock, delivered to customers, and wastage. The complete movement history follows underneath
- ◆ **Department-wise Stock.** Received, issued, wastage and balance for every department, with drill-down into each department's transactions

Together with the Stock Ledger (next page), these views let Kowsik Jewellers answer "where is our gold right now" from one screen, whether it is in the vault, in a department, with an outside vendor or already delivered to the customer.

Add Purchase Entry

Basic Details

Entry Date *

Item Name *

Category

Gold Weight Calculation

Total Gross (g) *

Touch %

Pure Weight (g)

Pure Weight = Gross * Touch / 100

Purchase Details

Supplier Name

Purchase Date

Purchase Rate (₹/g) *

Payment Type

Total Amount (₹)

Pure WT * Rate (auto)

Stock Tracking

Opening Stock (g)

Stock In (g)

Stock Out (g)

Closing Stock (g)

Current item balance = Pure Weight Gold paid to supplier only Opening = In - Out

Add Purchase Entry. Pure weight = gross × touch ÷ 100; total amount = pure weight × rate; opening + in – out = closing stock.

Stock Ledger: Every Movement on Record

Stock Movements

Complete history & audit trail

Item

All

Owner Type

All

Dir.

All

Type

All

User

All

From

dd-mm-yyyy

To

dd-mm-yyyy

Filter

Reset

Export

26 movement(s)

Date	Txn No	Transaction	Received From	Issued To	Reference	Opening Wt	IN Gross	OUT Gross	Closing Wt	Opening Pure	IN Pure	OUT Pure	Closing Pure
05-10-2026	ORD-2026-0002	Receive		-	--								
05-10-2026	CAST-ISS-2026-0001	Issue	-	Casting & Moulding	--								
05-10-2026	CAST-ISS-2026-0002	Issue	-	Casting & Moulding	--								
05-10-2026	CAST-REC-2026-0001	Receive	Casting & Moulding	-	--								
05-10-2026	FILL-ISS-2026-0001	Issue	-	Filing / Correction	--								
05-10-2026	FILL-REC-2026-0001	Receive	Filing / Correction	-	--								
05-10-2026	SET-ISS-2026-0001	Issue	-	Setting / Stone Department	--								
05-10-2026	SET-ISS-2026-0002	Issue	-	Setting / Stone Department	--								
05-10-2026	SET-REC-2026-0001	Receive	Setting / Stone Department	-	--								
05-10-2026	BUFF-ISS-2026-0001	Issue	-	Buffing	--								
05-10-2026	BUFF-REC-2026-0001	Receive	Buffing	-	--								
05-10-2026	BUFF-ISS-2026-0002	Issue	-	Buffing	--								
05-10-2026	BUFF-REC-2026-0002	Receive	Buffing	-	--								
05-10-2026	OUTWORK-ISS-2026-0001	Issue	-	Out Work	--								
05-10-2026	OUTWORK-REC-2026-0001	Receive	Out Work	-	--								
05-10-2026	OUTWORK-ISS-2026-0002	Issue	-	Out Work	--								
05-10-2026	OUTWORK-REC-2026-0002	Receive	Out Work	-	--								
05-10-2026	OUTWORK-ISS-2026-0003	Issue	-	Out Work	--								
05-10-2026	OUTWORK-REC-2026-0003	Receive	Out Work	-	--								

OUTCOME

Business Impact

Moving from spreadsheets and manual registers to a centralized, department-aware factory management system changed how Kowsik Jewellers runs its operations:

Complete gold traceability. Gold is now trackable from purchase or customer receipt, through every department, to final delivery.

Instant margin insight. Gold profit and total margin are calculated automatically on every bill, giving management live insight into profitability instead of periodic, manual estimation.

Automated billing calculations. Weight, purity and charge calculations are automated, replacing manual computation at the counter.

Department-level accountability. Wastage, issued weight and received weight are now tracked at every production stage (casting, filing, stone setting, buffing).

Accurate advance and dues tracking. Cash, gold and mixed advances are recorded and auto-adjusted against bills, removing the manual reconciliation that advances once required.

Consolidated financial visibility. Cash, bank and billing positions are available in one place whenever management needs them.

Audit-ready records. Every transaction (purchase, issue, receipt, bill or payment) is logged with a voucher trail, giving the business clean records for audits.

Scalable, role-based operations. With user roles, one place for settings and an activity log, the system is built to support growing staff, departments and transaction volumes.

What was once an operation held together by experience, memory and manual registers now runs on one traceable system for gold, production, billing and accounts.

MODULE 9

Administration: Control, Security & Configuration

- ◆ **Users & Roles.** Staff see and do only what's relevant to their role (Super Admin, Manager, Factory Manager and more). Management can see who is using the system and when
- ◆ **Settings.** Company details, GST information and gold rates are managed in one place, so every bill, order and report is calculated from the same source
- ◆ **Gold Rate History, Metal Settings & Activity Log.** Rate traceability and a full audit log of system activity

This administrative backbone keeps every user, rate and setting under management's control.

HOW WE DELIVERED

Development Approach

Application type	Mobile-compatible web application, designed to provide a consistent user experience across desktop, tablet and mobile devices
Architecture	Modular design
Approach	Requirements gathered upfront, followed by development, testing, client validation and a single go-live
Project duration	July 2026 to October 2026
Portals delivered	1
Management	Techno Tackle's in-house Project Management System (PMS)
Current status	All planned modules have been deployed and the platform is under maintenance and support, with changes and enhancements delivered as required
Scalability	Built on a flexible architecture, ready to support future growth and enhancements

WHY TECHNO TACKLE

Built for a Working Gold Factory

Building a system for a working gold factory isn't the same as building generic inventory software. Here is what set this project apart:

- ◆ **We understand how gold moves.** Gold changes in weight, form, and ownership as it passes through casting, filing, stone setting, and buffing. The system was built to follow it at every step
- ◆ **Wastage tracked department by department.** Not as a single number, so losses are visible at the stage where they happen
- ◆ **Customer gold treated with the same precision as purchased gold.** A customer's old gold, once melted and remade, is traced just as carefully as freshly purchased bullion
- ◆ **Built around the shop floor, not a template.** We worked closely with Kowsik Jewellers and built the system around how they actually operate: gold sourced from multiple origins, processed across a real department chain, and delivered with full accountability
- ◆ **Complete coverage.** The full business is covered, from gold purchase to the final invoice handed to the customer

GET IN TOUCH

Interested in a Similar Solution?

Looking for a trusted technology partner? Connect with us to discuss your business needs and discover how we can help bring your ideas to life.

4.8★

Clutch · 8 reviews

4.8★

Google · 120+ reviews

ISO

27001:2022
Certified

Sales Contact

Sukumar M Senior Manager - Business Development
86376 46693 | sales@technotackle.com

Founder Contact

Balavishnu R Founder & CEO
balavishnu@technotackle.com | [LinkedIn profile](#)

www.technotackle.com · [LinkedIn](#) · [YouTube](#)

We appreciate your interest in Techno Tackle Software Solutions and look forward to collaborating with you.