

APPLICATION DEVELOPMENT & MAINTENANCE

Replacing manual registers with real-time gold and cash control

How Techno Tackle built Ellappan Jewellers one web platform for orders, workstation gold, stock, purchases, billing and ledgers, in place of the notebooks the business ran on.

50+

screens designed and developed

10

core business modules

4

built-in business reports

1

portal, one deployment

CLIENT

Ellappan Jewellers,
Coimbatore

INDUSTRY

Gold jewellery
manufacturing

PROJECT DURATION

May 2026 – October 2026

STATUS

Live, in maintenance and
support

AT A GLANCE

The engagement in brief

CLIENT	Ellappan Jewellers
LOCATION	Coimbatore, Tamil Nadu, India
BUSINESS	Gold jewellery making, job work and retail
PROJECT	Gold Management System for Ellappan Jewellers
SCOPE OF WORK	Application Development & Maintenance
PLATFORM	Web application, mobile-compatible
TECH STACK	Laravel 12 · MySQL · MVC architecture
WHO USES IT	Ellappan Jewellers management
DURATION	May 2026 – October 2026
STATUS	All planned modules deployed. In maintenance and support, with changes and enhancements delivered as required.

50+

screens designed and developed

10

core business modules

4

built-in business reports

1

portal, delivered in a single deployment

What we delivered

A complete system to manage gold, customers and workstations. Orders, workstation issue and receipt, stock, purchases, products, billing and payments, and customer and cash ledgers now sit in one place.

Party names in the screenshots throughout this case study are blurred to protect client data.

THE CLIENT

Made-to-order gold jewellery for individuals and retailers



About Ellappan Jewellers

Ellappan Jewellers is a custom jewellery design and manufacturing company that specialises in made-to-order gold jewellery. It makes jewellery to specific requirements, both for individual customers and for jewellery retailers.

Customers can bring their own gold for remodelling, or choose jewellery made from the company's gold.

How this shows up in the system

Every order carries one of three gold types:

Own Gold

Customer Gold

Workstation Gold

CLIENT NEEDS

Orders, gold and cash were tracked in notebooks

Ellappan Jewellers ran its day-to-day operations by hand in notebooks, which made it hard to keep accurate records of orders, payments, billing, inventory, purchases and stock movement. Orders came from individual customers and retailers, and work moved to and from third-party manufacturing units.

01

Order management

Track orders from creation through completion and delivery.

02

Billing and payments

Keep accurate transaction records and cut manual follow-ups.

03

Inventory and stock

See product availability, stock movements and stock history in one place.

04

Purchases

Record and track every purchase in one place.

05

Customer ledgers

Keep organised, customer-wise transaction and payment records.

06

Dashboard

A quick view of orders, pending work, completed transactions and customer information.

07

Digital workflows

Less repeated data entry and fewer human errors.

THE ASK

One central system

To process orders, manage billing and payments, track manufacturing and see the business as it stands.

THE SOLUTION

One connected system in place of the notebooks

We built a custom web application that brings order processing, billing, payments, workstation coordination, inventory, purchases, products, and customer and cash ledgers into a single system.

THE ORDER OF WORK, AS THE APP'S OWN NAVIGATION SETS IT OUT

Orders > Issue > Receive > Stock > Billing > Payment > Purchase

Dashboard

Business operations overview

p.06

Order Management

Customer order processing

p.07

Workstation Management

Manufacturing workflow tracking

p.08

Stock Management

Inventory control

p.10

Product Management

Jewellery product records

p.11

Stock Ledger

Stock movement history

p.12

Purchase Management

Purchase recording

p.13

Billing & Payment

Transaction tracking

p.14

Customer Ledger

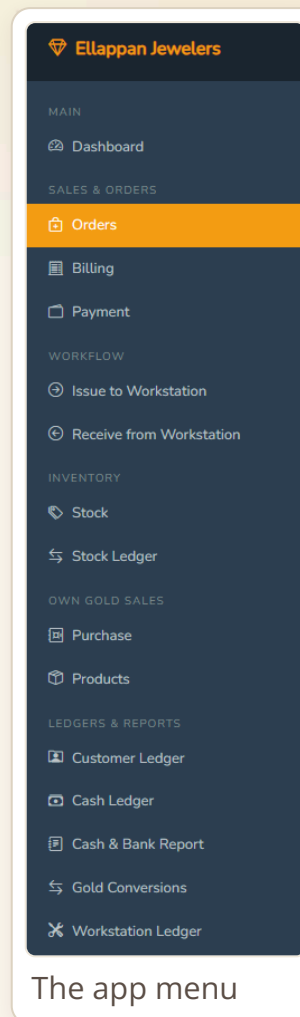
Customer-wise transactions

p.15

Cash Ledger

Cash transaction management

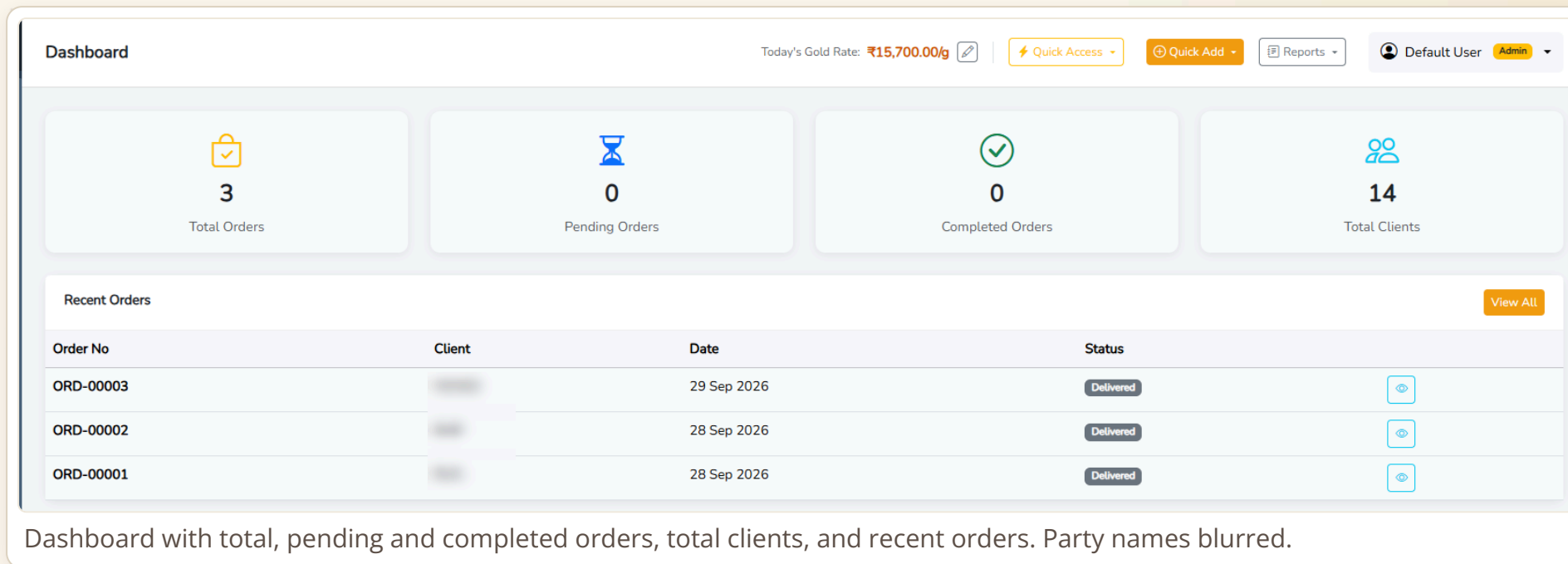
p.16



The app menu

WHAT WE BUILT · DASHBOARD

The day's position on one screen



At a glance

Total, pending and completed orders, and total clients. Today's gold rate sits in the header of the main screens.

Straight to work

Quick Access and Quick Add open a new order or entry. Recent orders show client, date and status, one click from full detail.

Reports on demand

From the Reports menu: Customer Ledger, Workstation Ledger, Cash & Bank and Stock Ledger reports.

WHAT WE BUILT · ORDER MANAGEMENT

Every order, from intake to delivery

Each order records the client, gold type, order date and expected delivery. It compares received pure weight with ordered pure weight, so staff see at once whether an order is in surplus or deficit.

- ◆ **Flexible gold sourcing.** Fulfil an order from own gold, the customer's gold or gold held at a workstation.
- ◆ **Itemised orders.** Several items per order, each with quantity, weight, touch (purity) and final weight, totalled automatically.
- ◆ **Cash advances.** Amount, payment mode and the day's gold rate. Keep it as cash, or convert it to gold weight now.
- ◆ **Order tracking.** Status runs Pending, In Progress, Completed, Delivered. Search and filter by status, type and date.

Create New Order
Fill in client and item details below

Order Details

Client *
Search client... +

Gold Type *
Own Gold

Order Date *
01-10-2026

Expected Delivery
dd-mm-yyyy

Received Pure Wt
0.000

Order Pure Wt
0.000

Balance (Received - Order)
0.000

Gold surplus / deficit

Description
Any special instructions...

Cash Advance

Amount (₹)
0.00

Payment Mode
— Select —

Gold Rate (₹/g)
15700

Advance Conversion
Keep as Cash Advance (Convert later) Convert to Gold Now

Cash → Gold Equivalent (today)
0.000g

Recorded as Cash Advance — convert to gold later at the conversion-day rate.

Order Items

ITEM NAME	DESCRIPTION	QTY	WTITEM	TOTAL WT	TOUCH	FINAL WT
1 Select	Description	1	0.000	0.000	—	0.000
Grand Total		1		0.000g		0.000g

Create New Order: gold balance, cash advance and order items

Orders

Today's Gold Rate: ₹15,700.00/g Quick Access Quick Add Reports Default User Admin

Orders > Issue > Receive > Stock > Billing > Payment > Purchase

Orders
Manage all jewelry orders + New Order

Search order / client... All Status All Types dd-mm-yyyy dd-mm-yyyy 10

Order No	Client	Gold Type	Received Pure Wt	Order Pure Wt	Cash Advance	Items	Order Date	Status	Actions
ORD-00003		Customer Gold	40.000	21.984	₹0.00	1	29 Sep 2026	Delivered	
ORD-00002		Own Gold	0.000	58.624	₹20,00,000.00	1	28 Sep 2026	Delivered	
ORD-00001		Customer Gold	50.000	45.800	₹0.00	1	28 Sep 2026	Delivered	

Orders list with gold type, weights, cash advance and status. Names blurred.

WHAT WE BUILT · WORKSTATION MANAGEMENT

Gold sent to workstations, on record

Tracks gold as it moves between Ellappan Jewellers and its production workstations, from issue to the return of finished jewellery.

- ◆ **Two issue types.** Order Issue for gold tied to a customer order. Stock Issue for own gold used to make stock.
- ◆ **Calculated pure weight.** Item, quantity, weight and touch for every issue. Pure weight is $\text{total} \times \text{touch} \div 100$.
- ◆ **Drawn from named stock.** The issuer picks the source stock and sees what is available first.
- ◆ **Balance first.** Each workstation's current excess or deficit shows before more gold is issued.
- ◆ **One register.** Every issue marked Issued, Partially Received or Fully Received.

The screenshot shows the 'Issue Gold to Workstation' form with the 'Order Issue' tab selected. Fields include: Issue Date (01-10-2026), Select Order (dropdown), Workstation (dropdown), Total Issue Weight (g) (0.000), Touch (%) (0), Issued Stock Name (dropdown), Qty (1), Pure (g) (0.000), and Seal (Optional...). A calculated field shows 'Calculated: Total x (Touch/100)'. Buttons for 'Cancel' and 'Issue Gold' are at the bottom.

Order Issue

The screenshot shows the 'Issue Gold to Workstation' form with the 'Stock Issue' tab selected. It includes a 'Stock Items' table with columns: Item Name, Description, Qty, Wt/Item, Total Wt, Purity, and Final Wt. Below this are fields for Workstation, Total Issue Weight, Touch, Issued Stock Name, Qty, Pure, and Seal. A dropdown menu for 'Issued Stock Name' is open, showing options like 'BAR (59.202g avail)' and 'PURE (73.545g avail)'. The calculated field and 'Issue Gold' button are also present.

Stock Issue, with available stock

The screenshot shows the 'Gold Issues' register. At the top, it displays 'Today's Gold Rate: ₹15,700.00/g' and navigation buttons. Below is a table of gold issues with columns: Type, Order, Client / Product, Gold Type, Workstation, Issued, Touch%, Pure, Received, Date, Status, and Actions. The table shows four entries, all with a status of 'Fully Received'. Names are blurred for privacy.

Type	Order	Client / Product	Gold Type	Workstation	Issued	Touch%	Pure	Received	Date	Status	Actions
Order	ORD-00003	[Blurred]	Client Gold	[Blurred]	0.000g	-	-	26.800g	29 Sep 2026	Fully Received	[Icons]
Stock	-	RINGS	Own Gold	[Blurred]	20.000g	99.50%	19.900g	47.580g	28 Sep 2026	Fully Received	[Icons]
Order	ORD-00002	[Blurred]	Own Gold	[Blurred]	0.000g	-	-	63.900g	28 Sep 2026	Fully Received	[Icons]
Order	ORD-00001	[Blurred]	Client Gold	[Blurred]	0.000g	-	-	51.800g	28 Sep 2026	Fully Received	[Icons]

Showing 1-4 of 4

Gold Issues register. Names blurred.

WHAT WE BUILT · WORKSTATION MANAGEMENT

Finished jewellery back, weighed against what went out

Receive from Workstation closes the loop. What comes back as finished jewellery is matched against the gold that was issued.

- ◆ **Full receipt detail.** Gross, net, enamel, stone and wastage, against the issued touch %. Final pure weight is calculated.
- ◆ **Three views.** Workstation-wise, order-wise, or one received-from-workstation log.
- ◆ **Full or partial.** Each return is marked Fully or Partially Received.

Receive from Workstation

Today's Gold Rate: ₹15,700.00/g

Orders > Issue > Receive > Stock > Billing > Payment > Purchase

Receive from Workstation

Workstation-wise Order-wise Received from WS

Search... dd-mm-yyyy dd-mm-yyyy All Workstations All Status 10 per page Receive Gold

Receipt No	Date	Order	Client	Workstation	Gross Wt (g)	Tag (g)	Net Wt (g)	Enamel (g)	Stone (g)	Wastage (g)	Total Wt (g)	Touch (%)	Pure (g)	Status	Actions
RET-00005	2026-09-29	ORD-00003			26.800g	0.000g	26.800g	0.450g	0.000g	0.791g	27.141g	91.60%	24.861g	Fully Received	
RET-00003	2026-09-28	RINGS STOCK	Stock Issue		47.580g	0.000g	47.580g	0.000g	1.100g	1.394g	47.874g	91.60%	43.853g	Fully Received	
RET-00002	2026-09-28	ORD-00002			63.900g	0.000g	63.900g	0.980g	1.100g	2.164g	63.984g	91.60%	58.609g	Fully Received	
RET-00001	2026-09-28	ORD-00001			51.800g	0.000g	51.800g	0.000g	0.000g	2.072g	53.872g	91.60%	49.347g	Fully Received	

Showing 1-4 of 4

Receive from Workstation, workstation-wise view. Names blurred.

Receive Gold

Select Workstation *

-- Select Workstation --

ISSUED (PURE) 0g RECEIVED (PURE) 0.000g PENDING (PURE) 0.000g WS OPENING BALANCE 0g WS BALANCE AFTER 0g

Return Status * Fully Received Receive Date * 01-10-2026 Total Received Wt (g) * Tag (g) 0

Received Weight (g) * Enamel (g) Stone (g) Wastage % 0 0 0

Wastage (g) Total Weight (g) Touch (%) Pure (g) 0 0.000

Notes

Optional...

Cancel Record Receipt

Receive Gold form

Closed loop

Issue and Receive work as a pair, so gold out and finished jewellery in are reconciled per workstation.

Before staff record a receipt

The form shows, for the chosen workstation:

- ◆ Issued, received and pending pure weight
- ◆ Opening balance
- ◆ Balance after this receipt

WHAT WE BUILT · STOCK MANAGEMENT

Finished jewellery and raw gold, by category

Central visibility and control over finished jewellery and raw gold, with current stock levels for every category.

- ◆ **Category-wise.** Each category, such as RINGS, HIP CHAIN or BAR, shows opening weight, current weight and quantity.
- ◆ **Two kinds of stock.** Finished Jewellery and Raw/Received Gold are tracked separately.
- ◆ **Overall summary.** Raw gold (pure), items (gross), quantity and the combined balance.
- ◆ **Quick lookup.** Categories can be searched and paged.

Name	Type	Opening Weight	Current Weight	Qty	Actions
BAN	Finished Jewellery	0	0.000g	0	[Edit] [Delete]
BAR	Raw/Received Gold	0	59.202g	-1	[Edit] [Delete]
HIP CHAIN	Finished Jewellery	0	10.400g	1	[Edit] [Delete]
LONG	Finished Jewellery	0	0.000g	0	[Edit] [Delete]
PURE	Raw/Received Gold	0	73.545g	2	[Edit] [Delete]
RINGS	Finished Jewellery	0	16.000g	10	[Edit] [Delete]
STD	Finished Jewellery	0	28.736g	11	[Edit] [Delete]

Summary: Overall Opening — Raw Gold (pure): 132.747 g, Overall Opening — Items (gross): 55.136 g, Overall Opening — Qty: 22, Overall Balance (Raw + Items): 187.883 g

Stocks: categories, types, weights and quantities, with overall totals

Issue Gold to Workstation

Item Name	Description	Qty	Wt/Item	Total Wt	Purity	Final Wt
Select	Description	1	0.000	0.000	—	0.000

Workstation: Select Workstation, Total Issue Weight (g): 0.000, Touch (‰): 0

Issued Stock Name: Select Issued Stock, Qty: 1, Purity (g): 0.000, Seal: Optional...

Calculated: Total = (Touch/100)

Buttons: Cancel, Issue Gold

Issue form, reading the same stock

One stock record, used everywhere

The Issue form reads from the same stock. BAR shows 59.202 g on the Stocks screen and 59.202 g available when gold is issued to a workstation.

WHAT WE BUILT · PRODUCT MANAGEMENT

Every finished piece, traceable to where it came from

Product Inventory Today's Gold Rate: ₹15,700.00/g Quick Access Quick Add Reports Default User Admin

Product Inventory
Own gold products stock management + Create Product

TOTAL PRODUCTS: 7 IN STOCK: 4 TOTAL GOLD WEIGHT: 372.323g OUT OF STOCK: 3

Search product name or category... All Status 10 per page

ID	DATE	PRODUCT	CATEGORY	SOURCE	QTY	AVAILABLE WT	ACTUAL WT	TAG WT	GROSS WT	STONE WT	ENAMEL WT	NET WT	WASTAGE %	FINAL WT	PURITY	PURE WT	ACTION
8	29 Sep 2026	HIP CHAIN	HIP CHAIN	Own_gold_stock	1/3	10.400g	30.000g	0.000g	30.000g	0.130g	0.250g	29.620g	5%	31.101g	91.6%	28.489g	
7	29 Sep 2026	SIZE 1.8/16	BAN	Return #RET-00005	0/6	0.000g	26.802g	0.000g	26.802g	0.000g	0.450g	26.352g	3%	27.143g	91.6%	24.863g	
5	28 Sep 2026	rings	RINGS	Return #RET-00003	10/25	15.995g	47.575g	0.000g	47.575g	1.100g	0.000g	46.475g	3%	47.869g	91.6%	43.848g	
4	28 Sep 2026	LONG	LONG	Return #RET-00002	0/1	0.000g	63.900g	0.000g	63.900g	1.100g	0.980g	61.820g	3.5%	63.984g	91.6%	58.609g	
3	28 Sep 2026	NO STONE, NO ENAMEL	RINGS	Return #RET-00001	0/25	0.000g	51.800g	0.000g	51.800g	0.000g	0.000g	51.800g	4%	53.872g	91.6%	49.347g	
2	28 Sep 2026	STD	STD	Own_gold_stock	11/25	28.736g	52.870g	0.624g	52.246g	0.240g	0.000g	52.006g	0%	52.006g	95.5%	49.666g	
1	28 Sep 2026	PURE	PURE	Manual Entry	1/1	100.000g	100.000g	0.000g	100.000g	0.000g	0.000g	100.000g	0%	100.000g	100%	100.000g	

Showing 1-7 of 7 products

Product Inventory: source, weight breakdown, purity and pure weight for each finished product

Product-level tracking

Each item with its category, source (own stock or a workstation return) and linked receipt.

Weight and purity

Gross, tag, stone, enamel and net weight, with wastage %, touch and pure weight.

Stock at a glance

Total products, in stock, out of stock, and total gold weight across all products.

Status filters

In Stock, Low Stock or Out of Stock, searchable by name or category.

WHAT WE BUILT · STOCK LEDGER

Every gram in and out, with who gave and who received

- ◆ **Complete trail.** Date, direction (IN or OUT), transaction type, quantity and running balance for every movement.
- ◆ **From and To.** Each entry names its source and destination: Company, Customer or Workstation.
- ◆ **Balance snapshot.** Opening stock, total in and out, closing balance, and gold with workstations and with customers.
- ◆ **Every scenario.** Customer gold received, own gold purchased, issued and returned, billed, excess settled.
- ◆ **Filters and references.** Filter by direction, party, type, category and date. Each row carries its bill, receipt or issue number.

Company Stock Report Today's Gold Rate: ₹15,700.00/g Quick Access Quick Add Reports

Company Stock Report
Company gold stock in / out — who gave, who received, closing balance

Opening Raw Gold (pure)
0.000 g
Not set

Opening Finished Items (gross)
0.000 g
Qty: 0

Total Stock IN (pure)
293.245 g

Total Stock OUT (pure)
160.498 g

Closing Balance (pure)
132.747 g

Given to Workstations
68.280 g

Given to Customers
92.218 g

Both IN & OUT | All From | All Transaction Types | Raw Gold (Default) | All Categories

dd-mm-yyyy | 15

#	Date	From	To	Transaction Type	Dir	Opening Balance	Movement (g)	Closing Balance	Ref No	Remarks
1	29 Sep 2026	Company	Customer	Company Gold To Customer	OUT	161.602	-28.855	132.747	-	Payment paid to party [gold]
2	29 Sep 2026	Customer	Company	Customer Gold Received	IN	142.202	+19.400	161.602	-	Payment received [gold]
3	29 Sep 2026	Company	WS	Company Gold To Customer	OUT	166.702	-24.500	142.202	-	Payment paid to party [gold]
4	29 Sep 2026	Company	Customer	Company Gold To Customer	OUT	180.702	-14.000	166.702	-	Payment paid to party [gold] — cash ba
5	29 Sep 2026	Customer	Company	Customer Gold Received	IN	140.702	+40.000	180.702	ORD-00003	Customer gold added to company stock
6	28 Sep 2026	Customer	Company	Customer Gold Received	IN	109.702	+31.000	140.702	-	Payment received [gold]

Company Stock Report: opening, in, out, closing, and who gave and who received. Names blurred.

One record of all gold movement, so stock can be reconciled at any point without cross-checking separate registers.

WHAT WE BUILT · PURCHASE MANAGEMENT

Gold purchases, tied to suppliers and stock

Records every purchase of raw gold or finished items from suppliers, from entry to payment.

- ◆ **Item entry.** Raw gold or finished items, with category and quantity.
- ◆ **Pure weight.** Calculated from gross weight and touch %.
- ◆ **Payment modes.** Cash, Metal, Cash + Metal or Pay Later, with the remaining balance tracked.
- ◆ **Supplier-linked.** Supplier, purchase date and rate on every entry.
- ◆ **Live stock.** Opening, stock in, stock out and closing update with each purchase.
- ◆ **Payment status.** Entries flagged Paid or Pay Now show outstanding supplier dues.

A complete record of gold procurement, linking each supplier transaction to stock and payment status.

Add Purchase Entry with pure weight and stock summary

Entry No	Date	Item Name	Category	Qty	Unit	Rate	Total	Supplier	Purchase Date	Opening	Stock In	Stock Out	Closing	Payment
GLD-00003	29 Sep 2026	HIP CHAIN	HIP CHAIN	3.000	g	₹0.00	₹0.00	(blurred)	29 Sep 2026	144.734	30.000	0.000	174.734	Pay Now
GLD-00002	28 Sep 2026	BAR	BAR	1.000	g	₹15,250.00	₹1,987,761.25	(blurred)	28 Sep 2026	50.500	130.345	0.000	180.845	Pay Now
GLD-00001	28 Sep 2026	STD	STD	25.000	g	₹0.00	₹0.00	(blurred)	28 Sep 2026	100.000	52.246	0.000	152.246	Pay Now

Purchase list with supplier, rate, stock movement and payment. Names blurred.

WHAT WE BUILT · BILLING & PAYMENT

From order to bill to settlement in one flow

Handles the step from order to payment, capturing item details, charges and settlements in more than one mode.

1

Bill from the order

Item-wise gross, net, wastage and touch % give the pure weight and the balance owed.



2

Check the account

The customer's existing gold or cash excess, or dues, show before billing.



3

Settle

Cash, Gold/Metal, or Gold + Cash, converted at the day's rate.



4

Confirm

Previous balance, amount settled and remaining balance for cash and gold, with a "Fully Settled" confirmation.



5

Log it

Billing, advance, gold receipt and settlement are recorded with date, direction and running balance.

Settlement options

Cash

Gold / Metal

Gold + Cash

Cash and gold convert at the day's gold rate, which is shown in the app header.

Where it shows up

Bills and settlements post to the customer's ledger (page 15). There you can see a bill entry such as **DEL-00002** and a cash payment converted to gold.

WHAT WE BUILT · CUSTOMER LEDGER

What each customer owes, or is owed, in gold and cash

A complete, date-wise record of every customer's gold and cash activity in one combined ledger.

Customer Ledger Today's Gold Rate: ₹15,700.00/g Quick Access Quick Add Reports Default User Admin

Customer Ledger
Gold & cash ledger — combined, date-wise Print

Customer: From: To: View as: Apply Export

Customer Gold Balance: **14.870g Excess** Cash Balance: **₹0.00**
Excess — we hold client's gold settled

LEDGER (date-wise) Gold: 0.000g · Cash: ₹0.00

#	Date / Particular	Gold In (g)	Gold Out (g)	Gold Bal	Cash Receivable (₹)	Cash Paid (₹)	Cash Bal (₹)	Gold Conv (g)	Cash Conv (₹)	Conv Type
1	Opening Balance			0.000			0.00			
2	Payment received [gold] 28 Sep 2026	+14.500		14.500 Excess			0.00			
3	BILL DEL-00002: STD OUT (Delivery #2) 28 Sep 2026		-14.870	0.370 Balance			0.00			
4	Payment received [cash] 28 Sep 2026			0.000		5,809.00	0.00	0.370	5,809.00	Cash → Gold
	Total	+14.500	-14.870	0.000g	0.00	5,809.00	₹0.00	0.370	5,809.00	

Customer Ledger: gold and cash, date-wise. Customer name blurred.

Two balances

Gold and cash per customer: Balance (customer owes) or Excess (company owes).

Date-wise log

Opening balance, gold received, bills and cash advances, each with a running balance.

Two viewpoints

Switch between Customer view and Company view of the same ledger.

Filter, print, export

By customer and date range, for sharing or record-keeping.

WHAT WE BUILT · CASH LEDGER

The daily cash position, with cash and bank kept apart

- ◆ **Balance summary.** Opening balance, total cash in, total cash out and current balance.
- ◆ **Categorised entries.** Each entry has a type, category, client and reference number.
- ◆ **Cash, Bank or All.** Keep the sources separate or see them together.
- ◆ **Filter and edit.** By type, category or date, with edit and delete on each entry.
- ◆ **Cash & Bank Report.** Separate running ledgers for cash and bank: opening, credit and debit, closing.
- ◆ **Combined position.** Cash closing, bank closing and the total of the two for any date range.
- ◆ **Ready to print.** Print the report, or set the period to this month in one click.

Cash Ledger Today's Gold Rate: ₹15,700.00/g

Cash Ledger
Cash IN / OUT transactions with running balance

Opening Balance (Cash) ₹0.00
Total Cash IN ₹2,31,786.00
Total Cash OUT ₹15,539.00
Current Balance ₹2,16,247.00

Buttons: Set Opening Balance, New Entry

Filters: Cash Bank All, All Types, All Categories, dd-mm-yyyy, 15

#	Date	Type	Category	Client	Account	Ref No	Opening (₹)	Amount (₹)	Gold (g)	Closing (₹)	Remarks	By	Actions
1	28 Sep 2026	Cash IN	client_payment	-	Cash	CSH-00001	₹0.00	+₹501.00	0.016 g	₹501.00	Payment received [cash]	Default User	[Edit] [Delete]
2	28 Sep 2026	Cash IN	client_payment	-	Cash	CSH-00002	₹501.00	+₹5,809.00	0.370 g	₹6,310.00	Payment received [cash]	Default User	[Edit] [Delete]
3	28 Sep 2026	Cash IN	client_payment	-	Cash	CSH-00003	₹6,310.00	+₹8,178.00	0.505 g	₹14,488.00	Payment received [cash]	Default User	[Edit] [Delete]
4	28 Sep 2026	Cash IN	client_payment	-	Cash	CSH-00006	₹14,488.00	+₹11,239.00		₹25,727.00	Payment received [cash]	Default User	[Edit] [Delete]
5	28 Sep 2026	Cash OUT	client_refund	-	Cash	CSH-00007	₹25,727.00	-₹4,666.00	0.303 g	₹21,061.00	Payment paid to party [cash]	Default User	[Edit] [Delete]
6	28 Sep 2026	Cash OUT	client_refund	-	Cash	CSH-00008	₹21,061.00	-₹1,146.00	0.073 g	₹19,915.00	Payment paid to party [cash]	Default User	[Edit] [Delete]
7	29 Sep 2026	Cash OUT	client_refund	-	Cash	CSH-00009	₹19,915.00	-₹4,059.00	0.270 g	₹15,856.00	Payment paid to party [cash] — cash balance offset ₹180.00 netted	Default User	[Edit] [Delete]
8	29 Sep 2026	Cash OUT	client_refund	-	Cash	CSH-00010	₹15,856.00	-₹5,668.00	0.361 g	₹10,188.00	Payment paid to party [cash]	Default User	[Edit] [Delete]

Cash Ledger: cash in and out with running balance

Cash & Bank Report

Today's Gold Rate: ₹15,700.00/g

Quick Access

Quick Add

Reports

Default User Admin

Cash & Bank Report

Separate running ledgers — Opening → Credit / Debit → Closing

PrintBack to Cash Ledger

From

To

01-10-2026

31-10-2026

Apply

This Month

Cash Closing

₹2,16,247.00

Bank Closing

₹1,000.00

Total (Cash + Bank)

₹2,17,247.00

CASH

Opening: ₹2,16,247.00

#	Particular	Credit	Debit	Gold (g)	Balance
	Opening Balance				2,16,247.00
No cash transactions this period					
Total		+0.00	-0.00		
					Closing ₹2,16,247.00

BANK

Opening: ₹1,000.00

#	Particular	Credit	Debit	Gold (g)	Balance
	Opening Balance				1,000.00
No bank transactions this period					
Total		+0.00	-0.00		
					Closing ₹1,000.00

Cash & Bank Report for a chosen period

Replaces manual cash books with one ledger that keeps a running balance for every entry.

REPORTS & BUSINESS IMPACT

Business-wide reporting, and the business impact

REPORTS · BUSINESS-WIDE REPORTING Ready-to-use, exportable reports on demand, without manual compilation, for informed decisions and easy audits.

- ◆ **Customer Ledger Report.** Customer-wise gold and cash balances for tracking receivables and dues.
- ◆ **Cash & Bank Report.** Consolidated cash and bank position across all transactions.
- ◆ **Workstation Ledger Report.** Gold issued vs. received per workstation for manufacturing accountability.
- ◆ **Stock Ledger Report.** Complete stock movement history for reconciliation and audit.

BUSINESS IMPACT From notebooks to a centralised platform: better accuracy, visibility and efficiency across the order lifecycle.

- ◆ **Reduced manual errors.** Digital records replaced error-prone notebooks, cutting entry and reconciliation errors.
- ◆ **Full order visibility.** Every order is trackable end to end with real-time status, replacing paper trails.
- ◆ **Faster billing & payments.** Automated calculations and flexible settlement modes speed up billing, with fewer disputes.
- ◆ **Better manufacturing accountability.** Closed-loop tracking minimises gold loss and delays with third-party units.
- ◆ **Real-time inventory control.** Centralised stock visibility supports smarter purchasing and fulfilment.
- ◆ **Stronger financial traceability.** Customer and cash ledgers give auditable receivables and cash flow records.
- ◆ **Streamlined purchase tracking.** Supplier records tied to stock and payment status improve dues visibility.
- ◆ **On-demand reporting.** Consolidated reports enable faster, data-driven decisions without manual compilation.
- ◆ **Lower operational overhead.** Less paperwork frees staff time for customer service and growth.
- ◆ **Scalable foundation.** A centralised platform supports growing order volume and business expansion.

Overall, the solution gave Ellappan Jewellers the control, accuracy and real-time visibility needed to run a more efficient, transparent and scalable jewellery business.

HOW WE WORKED

Delivery approach, and why Techno Tackle

APPROACH

APPLICATION	Mobile-compatible web application for desktop, tablet and mobile
ARCHITECTURE	MVC (Model-View-Controller) on Laravel 12 and MySQL
APPROACH	Requirement-driven, single cycle: requirements gathered upfront, then development, testing and deployment
DEPLOYMENT	Complete platform released to production in one go, after testing and client validation
DURATION	May 2026 – October 2026 · 1 portal
MANAGEMENT	Techno Tackle's in-house Project Management System (PMS)
STATUS	All planned modules deployed. In maintenance and support, with changes delivered as required.

Why Techno Tackle

This was not a job for an off-the-shelf inventory tool. It needed an understanding of how gold actually moves through a jewellery business, from sourcing to settlement.

- ◆ **Domain first.** We learned Ellappan Jewellers' real gold-handling practice before building anything.
- ◆ **Real-world complexity.** Several gold sources, partial receipts, wastage against touch %, and excess or deficit balances.
- ◆ **End-to-end.** One connected system across orders, manufacturing, stock, purchases, billing and ledgers.
- ◆ **Fits how staff work.** Built around the business's actual workflow, not a generic template.

LET'S TALK

Interested in a similar solution?

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

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4.8 ★ ★ ★ ★ ★

Clutch · 8 verified reviews

4.8 ★ ★ ★ ★ ★

Google · 120+ reviews

ISO 27001:2022

Certified information security management

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