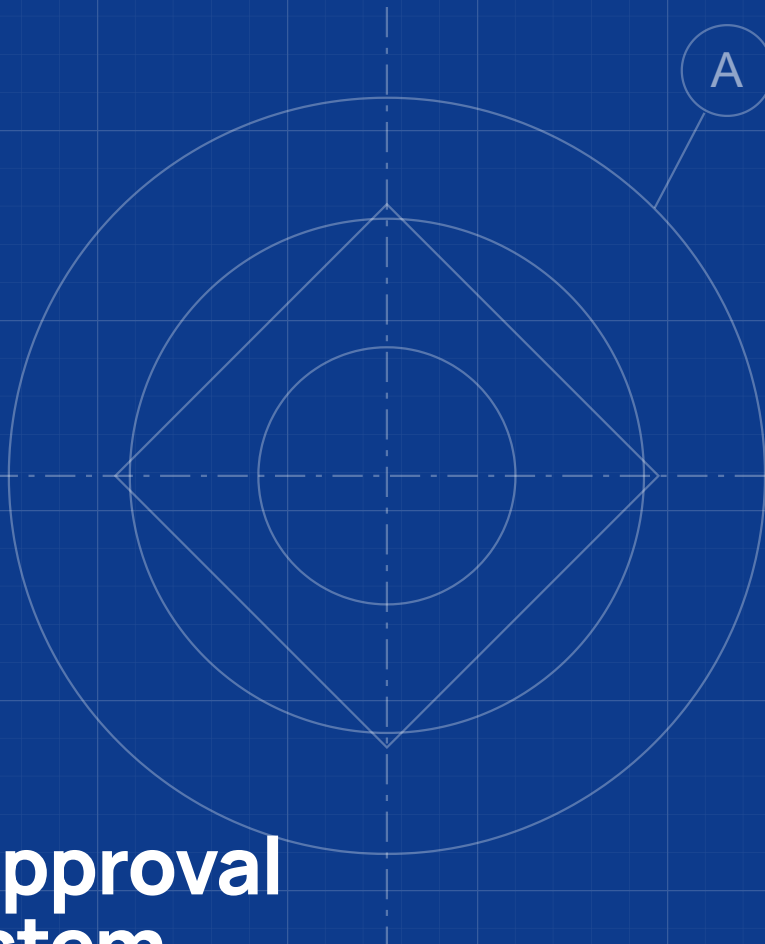


SOLUTION PROPOSAL

SOLUTION PROPOSAL & QUOTATION

26 SEPTEMBER 2026



AI Invoice and Approval Automation System

A building-materials trading company handling about 1,500 invoices and receipts and 300 purchase requests a month through 3 approval levels, currently on Express accounting.

SAMPLE PROPOSAL



PROJECT
AI Invoice and Approval Automation System

DRAWN BY
**DNA Maker AI
Engineer**

CHECKED BY
DNA Maker engineering team

DATE
26 September 2026

SHEET
01 / 09

REV.
A

Executive Summary

Expenses, purchase requests and invoices arrive by email, LINE and paper, so approvals take days and invoices get lost. We will build an AI finance and approval system that reads every invoice and receipt, checks it for anomalies, categorises the expense, and routes it through the 3 approval levels with a summary attached. Approvers then decide in minutes instead of days, and every document lands in Express accounting with a complete audit trail.

SPECIFICATIONS

CLIENT

A building-materials trading company handling about 1,500 invoices and receipts and 300 purchase requests a month through 3 approval levels, currently on Express accounting.

PROJECT

AI Finance and Approval Automation System

OVERALL TIMELINE

5 weeks

DELIVERY PHASES · SYSTEM COMPONENTS

4 · 6

1,500

invoices and receipts per month

300

purchase requests per month

3

approval levels per document

OUR DIRECTION

One intake layer pulls invoices, receipts and purchase requests out of email, LINE and paper into a single queue. AI then reads each document, checks it for anomalies, assigns the expense category and routes it through the 3 approval levels with a short summary for the approver. Approved entries are exported to Express accounting, so the whole path from arrival to ledger is captured and traceable.



Problem Analysis

Three distinct problems were found in the current document and approval flow.

1

FINDING 01

Scattered Intake

Invoices, receipts and purchase requests arrive through email, LINE and paper with no single place of record. Because nothing is captured in one queue, documents are missed and invoices get lost, and no one can say what is still outstanding.

2

FINDING 02

Multi-Day Approvals

Every document must pass 3 approval levels, and each level is chased manually across chat and email. Approvals stretch over days, delaying payments and straining supplier relationships.

3

FINDING 03

Manual Entry and Categorising

Staff read each document by hand, decide the expense category and key it into Express accounting. At 1,500 invoices and receipts a month this is slow, and errors and duplicates slip through unnoticed.



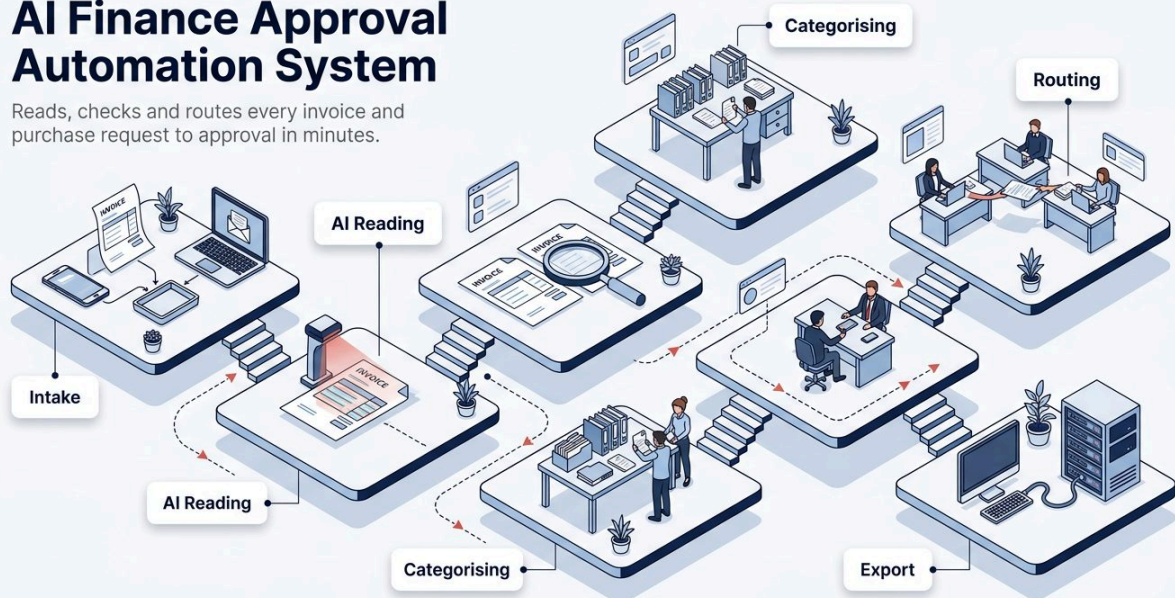
Solution Architecture

AI Finance and Approval Automation System

DETAIL A – HOW THE SYSTEM WORKS

AI Finance Approval Automation System

Reads, checks and routes every invoice and purchase request to approval in minutes.

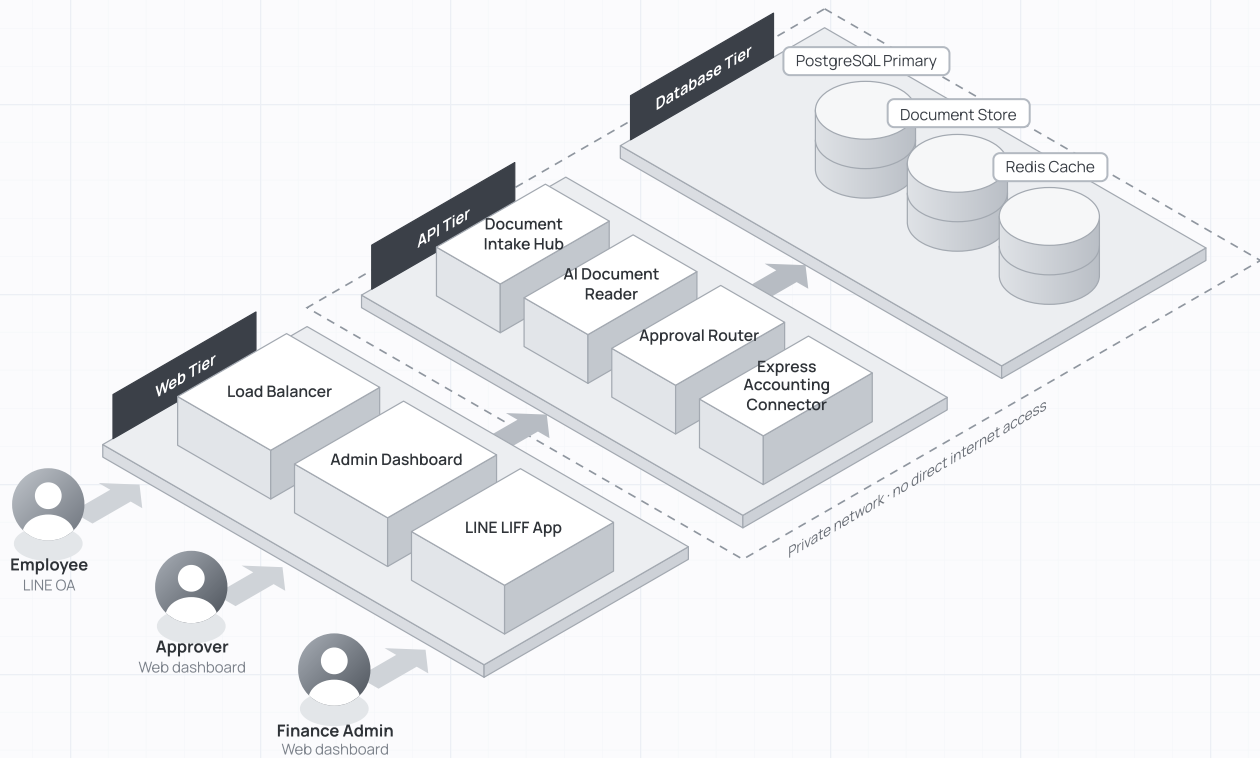


AI Finance Approval Automation System – Reads, checks and routes every invoice and purchase request to approval in minutes.



Deployment Architecture

A true 3-tier deployment — web, API and database on separate tiers, with the database in a private network, never exposed to the internet.



Who uses the system



Employee
LINE OA

Submits invoices, receipts and purchase requests



Approver
Web dashboard

Reviews AI summary and approves at 3 levels



Finance Admin
Web dashboard

Exports approved entries to Express

Traffic estimate

Daily volume

~80 documents/day

Peak load

~0.1 req/s, midday peak

Concurrent users

~20 users

Capacity plan

2 app servers behind load balancer, auto-scaling to 4; PostgreSQL primary + replica, Redis cache

1,800 docs/month ÷ 22 days ≈ 80/day; peak hour assumed 30% ≈ 24 docs × ~12 API calls ≈ 0.1 req/s; launch 2 app servers sustain ~50 req/s, >100× headroom.

Server and cloud hosting costs are not included in this proposal; they are billed by the provider directly to you.

Scope of Work

BILL OF MATERIALS

NO.	KEY COMPONENTS	ROLE
1	Document Intake Hub	Collects invoices, receipts and purchase requests from email, LINE and scanned paper into one queue.
2	AI Document Reader	Extracts vendor, date, amount and line items from each invoice and receipt.
3	Anomaly and Duplicate Checker	Flags duplicate, mismatched or out-of-policy documents before they reach an approver.
4	Expense Categoriser	Assigns each expense to the correct category ready for accounting.
5	Approval Router	Sends each document through the 3 approval levels with an AI summary attached.
6	Express Accounting Connector	Exports approved and categorised entries into Express accounting with an audit trail.

INCLUDED

- ☒ AI extraction of invoices and receipts from email, LINE and scanned paper
- ☒ Anomaly and duplicate detection before approval
- ☒ Automatic expense categorisation
- ☒ 3-level approval routing with AI summaries for approvers
- ☒ Export of approved entries to Express accounting
- ☒ Approver dashboard and full audit trail

NOT INCLUDED IN THIS SCOPE

- ☐ Express accounting licence fees and any changes made inside Express itself
- ☐ Purchase of scanners, phones or other office hardware
- ☐ Payroll and accounting modules outside expenses, purchase requests and invoices
- ☐ Server and cloud hosting costs

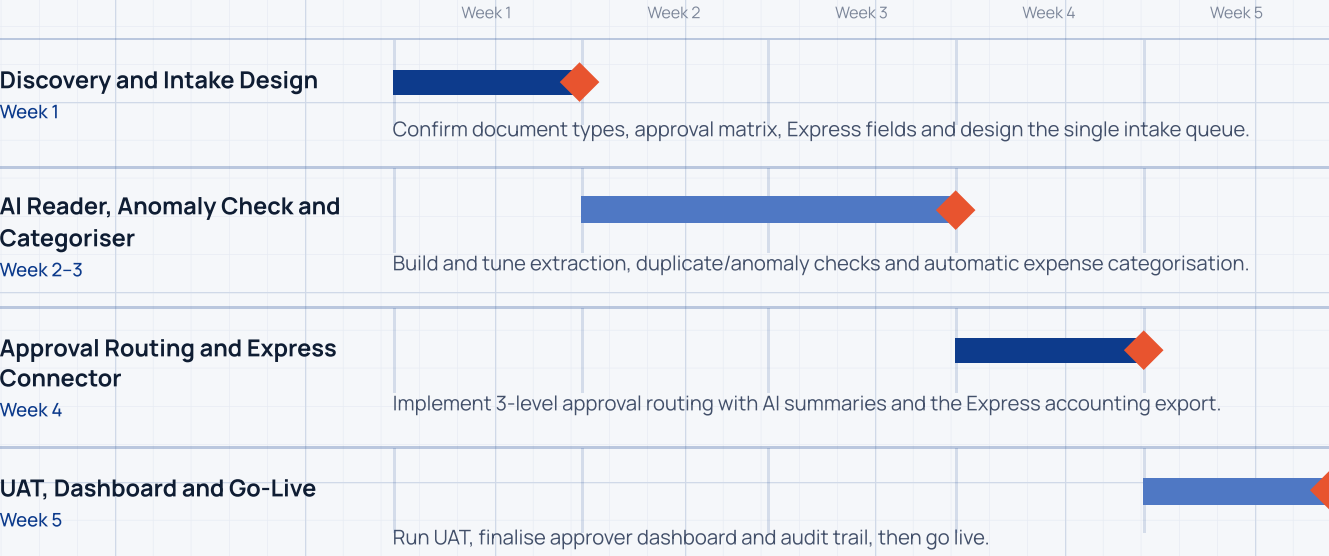
RISKS & MITIGATION

Poor-quality scans or inconsistent formats may reduce AI extraction accuracy.	Use confidence thresholds, a human review queue and tune the model with representative samples during Phase 2.
Express accounting may have limited API or import-format constraints.	Confirm export format and API access in Phase 1; provide a validated CSV/import fallback if needed.
Approval delays or unavailable SMEs can extend UAT and go-live.	Name approvers and SMEs upfront, run weekly checkpoints and timebox UAT feedback.



Delivery Plan

Overall timeline	Delivery phases	System components	Deliverables
5 weeks	4	6	6



Estimated Investment

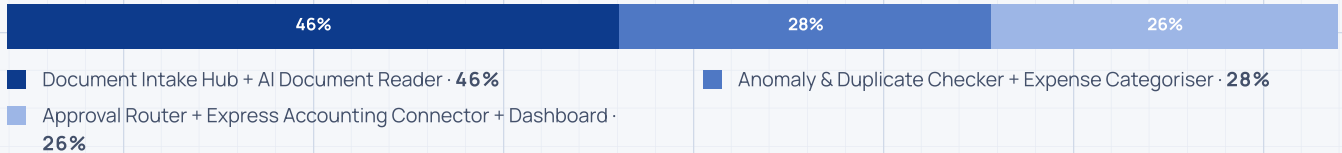
ESTIMATED TOTAL

฿90,000–250,000

Overall timeline

5 weeks

BUDGET BREAKDOWN



ITEM

PRICE RANGE (THB) DURATION

Document Intake Hub + AI Document Reader

Email, LINE and scanned-paper intake with AI extraction of invoice and receipt fields.

฿45,000–110,000

3 weeks

Anomaly & Duplicate Checker + Expense Categoriser

Pre-approval checks for duplicates, anomalies and automatic expense category assignment.

฿25,000–70,000

2 weeks

Approval Router + Express Accounting Connector + Dashboard

3-level routing with AI summaries, approver dashboard, audit trail and Express export.

฿20,000–70,000

2 weeks

Estimated total

฿90,000–250,000**5 weeks**

PAYMENT TERMS

40%

40% on contract signing to reserve the team and start discovery.

40%

40% on UAT delivery after the approval workflow and Express export are accepted.

20%

20% on go-live after production handover and audit trail sign-off.

ESTIMATE ASSUMPTIONS

- Client provides sample invoices, receipts, purchase requests and access to Express, email and LINE OA for integration.
- Monthly volume is approximately 1,500 invoices/receipts and 300 purchase requests with 3 approval levels.
- Approvers and finance SMEs are available for weekly reviews and UAT within the 5-week timeline.
- Server, hosting, cloud, OCR/AI API usage and third-party licence costs are paid by the client directly to the providers.

NOTE Every figure in this document is a preliminary estimate based solely on the information shared in conversation. Final pricing and timing are confirmed after a detailed requirements and systems review. Server and cloud hosting costs are not included in this proposal; they are billed by the provider directly to you.



Why DNA Maker

Thailand's leading banks, enterprises and government agencies trust us with systems that have to go live — and stay live.

500+
projects delivered since 2012

01 Chosen by Thailand's leaders

SCB, KBank, Krungsri, AIS, SCG, BDMS, the Treasury Department (Ministry of Finance) and Sony Device Thailand chose DNA Maker for systems where failure is not an option.

03 You own 100% of it

Full source code and IP are handed to you — no plugin lock-in, no surprise licence fees, no limits on future changes.

05 Ready for the AI era

Content, search and data are structured for AI search engines and ChatGPT-style assistants, so the system grows with you instead of being rebuilt.

02 Bank-grade security, proven

A true 3-tier architecture (Web · API · Database) keeps your database off the public internet, validated by penetration and stress testing. Our Bluweo Engine is security-certified and runs at multiple bank groups.

04 Clears every go-live gate

We know bank and enterprise IT governance from the inside: every requirement in your TOR is covered, with no gaps and no surprises at acceptance.

06 A partner long after launch

Multi-year client relationships, and a Bangkok team that stays on to improve the system and solve problems after go-live.

TRUSTED BY

SCB

Banking

KBank

Banking

Krungsri

Banking

AIS

Telecom

SCG

Industry

BDMS

Healthcare

Treasury Department

Ministry of Finance

Sony Device Thailand

Electronics

NEXT STEPS

1. Scoping session with the engineering team to confirm requirements, document types, approval matrix and Express export format.
2. DNA Maker prepares a fixed proposal and project plan based on the agreed scope.
3. Client signs the contract and pays the 40% deposit to start Phase 1.



CEO & Solution Provider

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Built to go live. Built to last.

