EDITION

November 2026

iTechnoSol Inc.

PROJECT OVERVIEW

Parcel delivery system with proof of delivery for a Thai courier

Bookings and tracking on the web; QR checks, customer signatures and fuel receipts captured in the Android driver app.



Operations and logistics

Parcel delivery system with proof of delivery for a Thai courier

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CLIENT

A parcel delivery and e-commerce business in Thailand

INDUSTRY

Operations and logistics

PLATFORMS

Web, Android

THE REQUIREMENT

The business needed one system to book parcels, hand them to drivers and confirm delivery across Thai districts. Drivers had to verify each package, find the next drop and report mileage and fuel. Office staff needed drivers, pickup points and reports in one place.

WHAT WE BUILT

We built a web admin panel where staff enter sender, receiver and parcel details. An Android driver app lists the day's parcels, shows the route to the next order and captures the customer's signature. Drivers scan a QR code to verify a package and photograph odometer readings and fuel receipts.

THE OUTCOME

Staff can book a parcel, assign it to a driver and check its status in one system. Every drop ends with a signature, or with a recorded reason when the order stays pending.

CLIENT PROJECT

What it does

In short: every drop ends with a signature.

Order entry

Office staff create each order with full sender and receiver details and a parcel description.

Route to the next order

The driver app lists parcels for delivery and shows the route to the next order.

Mileage and fuel capture

Drivers photograph odometer readings and fuel receipts at the start and end of a run.

Thai address masters

Provinces, districts, sub-districts and pickup points are managed in the admin panel.

QR package check

Drivers scan the parcel's QR code to confirm the package and see its delivery address.

Proof of delivery

Drivers mark each order complete, or pending with a reason, and capture the customer's signature.

Driver records and approval

Admins hold license details and attachments, and set each driver as pending, approved, on hold or barred.

Delivery reports

Both the admin panel and the driver app include delivery reports.

BUILT WITH

React · React Native · Node.js · Express.js · MongoDB · Google Maps API · Firebase · AWS · GitHub Actions · Git

PLATFORMS

Web · Android

SERVICES

- Custom software development
- Mobile app development
- Web application development

WORKING WITH US

How a project runs

The same four stages for every project, with working software early and the option to stop after any stage.

STAGE 1

Audit

We map the current process and agree on a first release.

STAGE 2

Trial

A working version on your data before the full build.

STAGE 3

Build

Weekly working demos, integrated with your systems.

STAGE 4

Go live

Rollout to one team, then company-wide.

INCLUDED IN EVERY QUOTATION

- Written scope with dated milestones
- Testing before delivery
- Documentation for your team
- Weekly working demo
- Code in your repository from day one
- Free bug fixes in the warranty period after launch

OUR PROMISES

- **NDA before anything**
- **You own all the code**
- **Your first call is with a founder**

Planning something similar?

Send us a few lines about your project. A founder replies within 4 business hours with an indicative cost and timeline, free and with no obligation.

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