EDITION

November 2026

iTechnoSol Inc.

PROJECT OVERVIEW

Batch and expiry inventory for a skin clinic group

Every product tracked by batch and expiry date on the web, with each clinic order owned at every step from head office to supplier.



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CLIENT

A skin and laser clinic group in India with a central purchasing office

INDUSTRY

Healthcare

PLATFORMS

Web

THE REQUIREMENT

The clinic stocks many products from different suppliers and brands, and many expire. It needed to track stock by batch and date, and know who used each item. As it grew into a group, orders, approvals, supplier purchases, returns and payments moved between clinics, a central office and suppliers with no single view.

WHAT WE BUILT

We first built a web inventory system with batch-wise inward and outward stock, reorder levels and expiry reports. Later we designed a three-party ordering flow on Angular and MongoDB. Clinics order at fixed central prices, the central office approves and fulfills from stock or suppliers, and clinics validate deliveries.

THE OUTCOME

The group can see what it holds, where, and when it expires. Every order has a clear owner at each step, from clinic request to delivery. Stock at the clinics and the central office updates as goods move.

CLIENT PROJECT

What it does

In short: every product by batch and expiry.

Batch-wise inward

Each delivery is recorded with its batch number and expiry date.

Outward by batch

Stock leaves by batch and is allotted to an employee or a retail sale.

Reorder and expiry reports

Filtered reports list items below reorder level and items by expiry date.

Clinic stock dashboard

Each clinic sees its own stock and spots what needs reordering.

Orders at central prices

Clinics build orders using fixed prices set by the central office.

Central approval and supplier orders

The central office approves each order and raises a supplier order when its own stock is short.

Receive, validate and return

Deliveries are checked against order and invoice before stock updates, and problems become returns.

Clinic invoicing

The central office invoices clinics that have not prepaid and records their payments.

BUILT WITH

Angular · Node.js · Express.js · MongoDB · AWS · GitHub Actions · Git

PLATFORMS

Web

SERVICES

- Web application development
- Workflow automation
- Custom software 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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