EDITION

November 2026

iTechnoSol Inc.

PROJECT OVERVIEW

Fingerprint-verified bar and stock management for a staff mess

Windows desktop software with a fingerprint reader: every sale tied to a member, with stock and daily to monthly reports.



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CLIENT

A staff mess at a defense establishment in India

INDUSTRY

Operations and logistics

PLATFORMS

Windows desktop

THE REQUIREMENT

The mess ran a bar for its members and had to track stock and charge each sale to the right member. It wanted reports for daily, weekly and monthly checks, and hardware supplied and supported as one package.

WHAT WE BUILT

We supplied bar management software with an all-in-one desktop and a fingerprint reader. Members are registered with their fingerprints, and each order is linked to the member who placed it. Staff manage item categories and stock. Scheduled backups protect the data.

THE OUTCOME

Each bar sale is recorded against a fingerprint-verified member. The mess sees stock levels, daily sales and member-wise sales, with weekly and monthly reports.

CLIENT PROJECT

What it does

In short: every sale tied to a fingerprint.

Fingerprint-linked sales

A fingerprint reader identifies the member, and each order is linked to that member.

Member management

Add, change, view and remove members, with order history per member.

Stock control

Item categories, new items, quantity updates and item removal.

Sales and stock reports

Item stock, daily sales, member-wise sales, and weekly and monthly reports.

Scheduled backups

Data is backed up on a schedule.

One package with support

Software, desktop and reader supplied together, with a year of phone and email support and hardware warranty.

BUILT WITH

C# · .NET · SQL Server · SecuGen fingerprint reader · Windows · All-in-one desktop · Git

PLATFORMS

Windows desktop

SERVICES

- Custom software development
- Software and AI consulting

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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