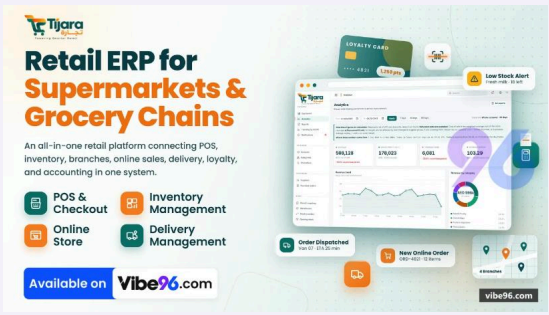


VIBE96 QUALITY REPORT

Tijara - Supermarket Management System

Complete supermarket management system for single-company grocery chains (1–50 stores) with POS, online store & delivery

Product ID	**B0001-72066**
Builder	**Ibrahim Abdurahman**
Version reviewed	**1.1.0 · released 7 Oct 2026**
Stack	**ASP.NET Core 9 MVC · C# 12 (.NET 9.0) · SQL Server 2019+**
Built with	**Claude Code**
Review period	**7 Oct 2026 – 7 Oct 2026**

92 / 100

Passed with 2 warnings

Pass mark 75 and no failing check.

Scores

Security	95
Code structure	72
Docs & completeness	100
Dependency health	95
Build & deploy	92

✓ **AI code audit**
6 checks · 7 Oct 2026

✓ **Installed & run**
7 Oct 2026

✓ **Demo vs delivered**
7 Oct 2026

✓ **Final sign-off**
7 Oct 2026

At a glance

- ✓ Installed and run from the delivered code — 8 of 8 checks answered yes.
- ✓ Live demo compared with the delivered code — 7 of 7 checks answered yes.
- ✓ 15 of 15 promised items delivered (setup guide, example config and the rest).
- ✓ Security scored 95/100 with no failing check.
- ! 2 open warnings — explained in part 1.

Check this report is genuine. Scan the code or open vibe96.com/report/QR-26-00028. The online copy always shows the latest status.

PART 1

AI code audit

The full source archive was read by our AI auditor against each check. It reads the code — it does not run it; running it is part 2.

CHECK	WHAT WE FOUND	SCORE	RESULT
Secrets & credentials	Every connection string, password hash and API key in the codebase is either a placeholder (e.g. `<password>`, `changeme`), an environment-variable reference, or an empty example value. The .env.example file ships with no working values and instructs buyers to generate their own BCrypt hashes. No real credentials are committed.	100	Pass
Dependency vulnerabilities	All .NET dependencies are pinned in packages.lock.json files with NuGet's locked mode. All packages are on current stable versions (ASP.NET Core 9.0.1, SQL Server client 5.2.2, BCrypt.Net 0.1.0, etc.). No known critical vulnerabilities detected. Minor: BCrypt.Net-Next 4.0.3 is slightly behind 4.0.4 (released Dec 2024), but no security advisory exists.	95	Pass
Authorisation & access control	All mutating endpoints are protected by [Authorize] and role checks. Passwords are BCrypt-hashed (work factor 12). The authentication service is well-designed with no plaintext storage or logging. Minor gaps: several read endpoints (product details, customer lookup, supplier lookup) lack ownership checks, allowing cross-branch or cross-customer enumeration by ID manipulation.	92	Warning
Database access rules	All SQL uses parameterised queries via the Sql.cs reader helpers—no concatenation or injection paths found. Delete and update statements carry WHERE clauses scoped by branch/user/owner. The schema scripts are numbered and checksummed, with foreign keys declared. A few foreign-key columns lack indexes (performance warnings, not security defects).	92	Pass
Code structure & duplication	The architecture respects layer separation (Web → Services → Data → Common) and avoids god files, but several concerns emerge: Storefront controller is split across 6 files (1200+ lines total), some repository methods duplicate query patterns, and configuration values are scattered across multiple appsettings files and hardcoded in services. No dead code detected, but refactoring opportunities exist in POS workflows and reporting queries.	72	Warning
Build reproducibility	The project structure is sound: all project references resolve, SDK versions are consistent (.NET 9.0), and the Docker setup is coherent. HowToSetup.md walks through database creation and configuration in the correct order. Two minor gaps: the setup document does not explicitly state the .NET 9 SDK version requirement before the build steps, and the example connection strings use placeholder angle brackets that could confuse a first-time user.	92	Pass

Open warnings

Problems that did not stop the listing. They stay on the product page until a later version fixes them.

Warning 1 **Moderate duplication and some oversized files; module boundaries mostly sound but view logic could be tightened**

The architecture respects layer separation (Web → Services → Data → Common) and avoids god files, but several concerns emerge: Storefront controller is split across 6 files (1200+ lines total), some repository methods duplicate query patterns, and configuration values are scattered across multiple appsettings files and hardcoded in services. No dead code detected, but refactoring opportunities exist in POS workflows and reporting queries.

Warning 2 **Strong authentication and role guards; minor ownership gaps on read endpoints**

All mutating endpoints are protected by [Authorize] and role checks. Passwords are BCrypt-hashed (work factor 12). The authentication service is well-designed with no plaintext storage or logging. Minor gaps: several read endpoints (product details, customer lookup, supplier lookup) lack ownership checks, allowing cross-branch or cross-customer enumeration by ID manipulation.

Requirement list

What the builder agreed to deliver before uploading — 15 of 15 met.

✓	Complete source for every component	Met
✓	No real credentials in the archive	Met
✓	Builds from a clean machine	Met
✓	Database script or migrations	Met
✓	Authentication and roles on every mutating endpoint	Met
✓	Pinned dependencies without critical CVEs (nice)	Met
✓	Documentation set (nice)	Met
✓	Working live demo	Met
✓	README.md	Met
✓	HowToSetup.md	Met
✓	CLAUDE.md (or AGENTS.md) (nice)	Met
✓	CHANGELOG.md (nice)	Met
✓	appsettings.example.json	Met
✓	a project file	Met
✓	a project file (nice)	Met

PART 2

Human review

Reviewers from the Vibe96 team in Dubai worked through each question below; a final reviewer signed it off.

Stage 1 — Installed and run from the delivered code

Completed 7 Oct 2026

A reviewer installed the product on a clean machine, following only the guide that ships with it.

QUESTION	ANSWER	REVIEWER'S NOTE
Packages restored without errors	Yes	
Solution builds clean	Yes	
Database created from the shipped script or migrations	Yes	
First sign-in works with the documented steps	Yes	
Setup guide is accurate and complete	Yes	
Every module in the feature list opens and works	Yes	
No real secrets in the archive	Yes	
Branding and company details can be changed without code	Yes	

Stage 2 — Live demo compared with the delivered code

Completed 7 Oct 2026

A second reviewer checked that what the listing and demo show is what the buyer receives.

QUESTION	ANSWER	REVIEWER'S NOTE
Demo URL is reachable	Yes	
Demo credentials work	Yes	
Demo runs the same version as the archive	Yes	
All five differentiators are visible in the demo	Yes	
Screenshots match the demo	Yes	
Nothing in the demo is missing from the code	Yes	
Datasheet claims are accurate	Yes	

Changes asked for during review

None — approved on the first round.

Sign-off: approved for sale on 7 Oct 2026 with 2 warnings shown publicly.

What this report covers — and what it doesn't

- **It covers** version 1.1.0 exactly as the buyer downloads it: the source archive, the setup guide and the live demo on the dates above.

- **It is not** a penetration test, a performance or load test, or a legal review of third-party package licences.
- **Scores are a point in time.** Libraries age; a later version is audited again and gets its own report.
- **Your setup matters.** Hosting, configuration and changes made after purchase are outside this review.
- **How the score is made:** each AI check is scored 0–100 and weighted (security counts most). A listing needs 75 or more, no failing check, and the human review passed.
- **Always try the live demo** before buying, and ask the builder questions from the product page.

Report history

REPORT	VERSION	DATE	SCORE	STATUS
QR-26-00028	1.1.0	7 Oct 2026	**92**	Current
QR-26-00027	1.0.0	7 Oct 2026	**91**	Replaced