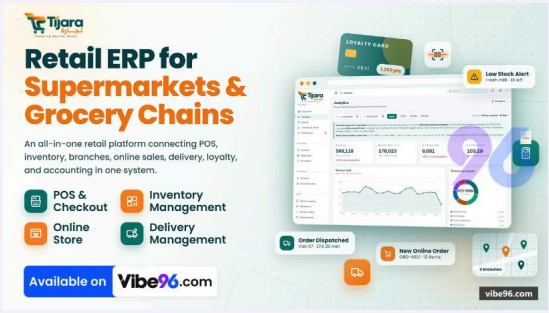
This report has been replaced by QR-26-00028 — a newer version of the product was reviewed.



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	**1.0.0 · released 7 Oct 2026**
Stack	**ASP.NET Core 9 MVC · C# 12 (.NET 9.0) · SQL Server 2019+**
Built with	**Claude Code**
Review period	**4 Oct 2026 – 7 Oct 2026**

91 / 100

Passed with 3 warnings

Pass mark 75 and no failing check.

Scores

Security	93
Code structure	72
Docs & completeness	100
Dependency health	95
Build & deploy	92

✓ **AI code audit**
6 checks · 4 Oct 2026

✓ **Installed & run**
4 Oct 2026

✓ **Demo vs delivered**
4 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 — 6 of 7 checks answered yes.
- ✓ 15 of 15 promised items delivered (setup guide, example config and the rest).
- ✓ Security scored 93/100 with no failing check.
- ! 3 open warnings — explained in part 1.

Check this report is genuine. Scan the code or open vibe96.com/report/QR-26-00027. 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	No API keys, passwords, or connection strings with real credentials were found. The codebase correctly uses placeholders and requires secrets via environment variables or user-secrets. Two minor issues: BCrypt work factor defaults to 12 (acceptable but could be higher for 2025), and .env.example ships with empty required fields that could confuse deployment.	95	Warning
Dependency vulnerabilities	The project uses .NET 9 with NuGet packages.lock.json files committed across all projects, ensuring reproducible builds. All dependencies are pinned to specific versions. No known critical vulnerabilities detected in the declared packages, though some packages (QuestPDF 2024.10.3, Hangfire.AspNetCore 1.8.14) are slightly behind their latest stable releases.	95	Pass
Authorisation & access control	All mutating endpoints are protected by [Authorize] and role policies. Password hashing uses BCrypt with work factor 12. Authentication is cookie-based with antiforgery protection. Minor gaps: several read endpoints (product details, branch stock, customer orders) lack ownership checks allowing cross-customer/branch data access 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/update statements scope by branch/user/status correctly. Schema scripts are numbered and checksummed. Foreign keys exist on all relationships. Minor: a few high-traffic foreign keys (BranchStock.ProductID, SaleItem.ProductID) lack explicit indexes, relying on clustered PK coverage.	92	Pass
Code structure & duplication	Module boundaries are clean and business logic is properly layered. However, several controller files exceed 600 lines, repository methods show copy-paste patterns, and configuration values are scattered across multiple files rather than centralized. No dead code detected, but refactoring opportunities exist.	72	Warning
Build reproducibility	All project references resolve, SDK version is pinned (9.0.100), and packages.lock.json files are committed. Docker Compose configuration is complete and coherent. Two minor issues: HowToSetup.md references a non-existent appsettings.example.json path, and the .env.example file doesn't clarify that empty DEMO_PASSWORD_HASH values will skip demo data loading rather than fail.	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 **No real credentials found; weak default work factor and empty .env example need attention**

No API keys, passwords, or connection strings with real credentials were found. The codebase correctly uses placeholders and requires secrets via environment variables or user-secrets. Two minor issues: BCrypt work factor defaults to 12 (acceptable but could be higher for 2025), and .env.example ships with empty required fields that could confuse deployment.

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

All mutating endpoints are protected by [Authorize] and role policies. Password hashing uses BCrypt with work factor 12. Authentication is cookie-based with antiforgery protection. Minor gaps: several read endpoints (product details, branch stock, customer orders) lack ownership checks allowing cross-customer/branch data access by ID manipulation.

Warning 3 **Moderate duplication and some oversized files; architecture is sound but maintainability could improve**

Module boundaries are clean and business logic is properly layered. However, several controller files exceed 600 lines, repository methods show copy-paste patterns, and configuration values are scattered across multiple files rather than centralized. No dead code detected, but refactoring opportunities exist.

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 4 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 4 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	No	
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 3 warnings shown publicly.

What this report covers — and what it doesn't

- **It covers** version 1.0.0 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