

# Project Autopsy Report (Local Analysis)

## Executive Summary

This report is generated using local scans (project structure, npm audit, semgrep where available). It prioritizes practical issues affecting maintainability and security.

## Verdict

Level: RED

Project has major issues; expect rework before safe scaling.

## Top Issues

### 1. Missing README.md

- **Severity:** high
- **Impact:** Hard to run/understand the project; onboarding is slow.
- **Fix:**
  - Add README with setup, run steps, and project overview.

### 2. Missing .env.example

- **Severity:** medium
- **Impact:** Hand-off/deployment becomes confusing; env vars get lost.
- **Fix:**
  - Create .env.example listing required env vars (no secrets).

### 3. No tests detected

- **Severity:** medium
- **Impact:** Refactors break features silently; reliability is lower.
- **Fix:**
  - Add basic smoke tests for core flows.
  - Add CI to run tests.

### 4. npm audit reports vulnerabilities (total: 10)

- **Severity:** high
- **Impact:** Dependencies may contain known security issues.
- **Fix:**
  - Run `npm audit fix` (review changes).
  - Upgrade vulnerable packages.

### 5. No evidence of lint/format standards enforced

- **Severity:** medium
- **Impact:** Code consistency drifts and maintenance becomes harder.
- **Fix:**
  - Add linter/formatter and run it in CI.