

Sprint 04 Payment Integrity & Quality Report

Startup Simulation

Sprint 04 – Payments & Checkout Controls

Document Type: Report

Prepared By: QA– SH (Representative Report)

Version: 1.0

Date: February 14, 2026

Status: Portfolio Simulation

Approvals

Role	Name	Signature	Date
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Revision History

Date	Version	Author	Description
February 14, 2026	1.0	QA – SH	Filled report aligned to Payment Integrity Control Protocol (portfolio simulation)

1. Sprint Overview

Sprint Goal: Validate checkout/payment integration, prevent revenue-impacting inconsistencies, and ensure order/payment state alignment.

Critical focus: payment-to-order consistency, redirect to payment from orders, and correct paid/unpaid status behavior.

2. KPI Summary

Metric	Value
Payment-related defects (snapshot)	4
Severity (Critical / Medium / Low)	2 / 1 / 1
Payment Risk Index ($C \times 5 + M \times 3 + L \times 1 + \text{IntegrityGap}$)	17

3. Controls Validated (Protocol Mapping)

- Idempotency / retry behavior: validated via negative retries (simulated).
- Atomicity: payment marked 'Paid' only when order persisted successfully (target behavior).
- Reconciliation: mismatch/orphan detection required; log review performed (simulated checklist).
- RBAC: refund/void actions restricted to authorized roles (negative checks).

4. Key Payment Defects (GitLab Snapshot)

Payment/Checkout Defects

ID	Title	Module	Severity	State/Disposition
#37	Unpaid status cannot be selected for an Order in POS	Users	Medium	Open / scheduled
#74	Incomplete payments are registered as "Paid" in POS--> "Create an Order"	POS	Low	Open / scheduled
#75	Added item with +Add button in New Orders does not ask or redirect to payment details 1	POS	Critical	Open / scheduled
#76	Added item with +Add button in Scheduled does not ask or redirect to payment details	POS	Critical	Open / scheduled

5. Release Readiness Impact

Recommendation: NO-GO (until critical payment defects closed)

Blockers / required actions:

- Fix and verify critical redirect/payment state issues in staging rehearsal.
- Run reconciliation exception checks to confirm no orphan payments.
- Re-run end-to-end critical flow regression (Login→POS→Pay→Order Complete→Report).