

TEST SUMMARY REPORT

ShopEasy Checkout Redesign | Release 3.2 (build 3.2.0-rc4) | System Test

SAMPLE REPORT. All names, numbers and dates are fictional and for illustration only. Blue boxes ("Author's note") explain the writing choices and are not part of a real report.

1. Document Control

Report ID	TSR-SHOP-ST-R3.2-v1.0	Report date	21-Sep-2026
Project	ShopEasy Checkout Redesign	Reporting period	24-Aug-2026 to 18-Sep-2026
Release / build	Release 3.2, build 3.2.0-rc4	Test phase	System Test (full cycle)
Prepared by	Priya Nair, Test Lead	Reviewed by	Rahul Deshmukh, QA Manager
Related documents	Test Plan TP-SHOP-3.2 v1.2; RTM v1.4; Jira board SHOP-QA; TestRail project SHOP	Distribution	Steering group, Product, Development, Release Management

Author's note: The reporting period is when testing actually ran; the report date is when the numbers were extracted. Every figure below is a snapshot as of 21-Sep-2026, so a reader can always tell how fresh the data is.

2. Executive Summary

Overall status	AMBER	Recommendation	CONDITIONAL GO
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System testing of Release 3.2 ran from 24 August to 18 September 2026. Of **500 planned test cases, 476 (95.2%) were executed and 443 passed (93.1% of executed)**. The release is **not yet ready**: Checkout and Payments carries the most risk, with 12 of the 35 defects, the lowest pass rate (89.1%), and the only open Critical defect (DEF-1042: a customer can be charged without an order being created after a payment-gateway timeout). Three open High defects and 13 blocked tests also remain. We recommend a **Conditional Go**: release only after the four conditions in Section 12 are met. Retesting is planned for 22-25 September, with a revised report on 26 September.

Key achievements - All core shopper journeys (browse, cart, card and wallet checkout) verified end to end. - Performance target met: checkout p95 response 2.4 s against a 3.0 s target at 2,000 concurrent users. - Login, Search, Notifications and Admin have no open Critical or High defects.	Key concerns - DEF-1042 (Critical): payment captured but order not created after a gateway timeout. - DEF-1038, DEF-1047 and DEF-1051 (High) affect coupons, refunds and UPI payments on Android 15. 13 tests (2.6%) are blocked, mostly checkout and order flows, so their results are unknown.
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Author's note: This box is written for a reader who stops here. It gives the decision first, then the headline numbers, then the biggest risk, then the next step. Each concern points to a defect ID so any claim can be checked. Amber is used because some exit criteria are unmet but a dated recovery plan exists.

3. Test Scope

In scope	7 modules covering 48 requirements: Login and Registration, Product Search and Catalog, Cart and Wishlist, Checkout and Payments, Order Management, Notifications, Admin Portal.
Test types performed	Functional, regression (180 automated tests), API, integration with the payment-gateway sandbox, performance (load), security baseline scan, compatibility (3 browsers, 3 devices).
Out of scope / not tested	(1) Gift-card payments, REQ-CHK-11, deferred to Release 3.3 by CR-217. (2) Live payment gateway; only the vendor sandbox was available. (3) iOS 16-17 and Android 13, no longer supported. (4) Penetration testing, done by an external vendor in October. (5) Languages other than English.

Author's note: The "not tested" row is deliberate. Stakeholders tend to assume that anything not mentioned was tested, so exclusions are named with reasons and approvals.

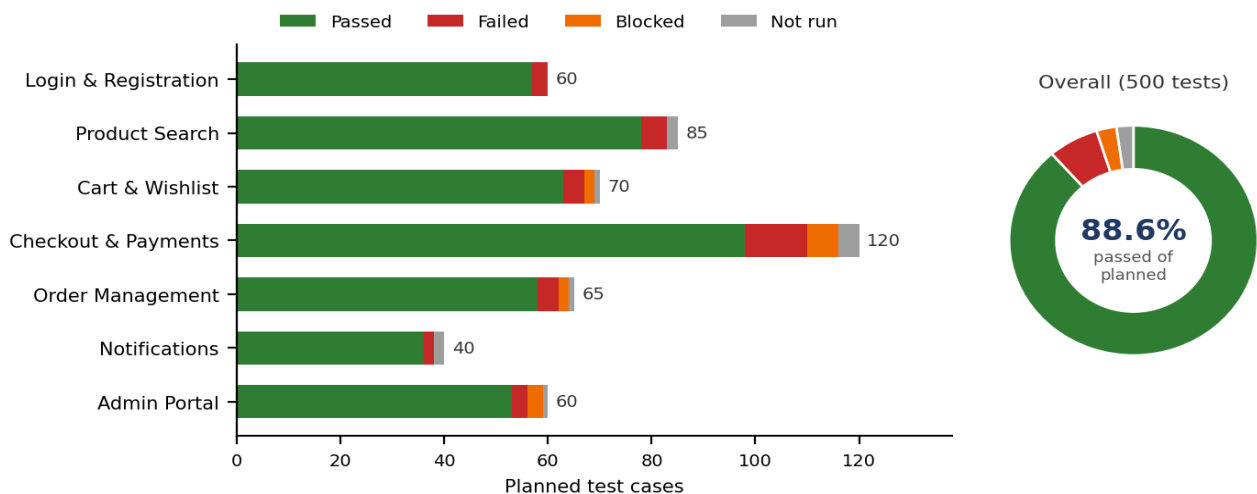
4. Test Environment and Tools

Environment	QA-STG-02: 2 application nodes (production has 6); masked production-like database at 30% of production volume; payment gateway in vendor sandbox; SMS and email through a stub service.
Browsers / devices	Chrome 128, Edge 128, Safari 18; iPhone 15 (iOS 18), Pixel 8 (Android 15), Galaxy S23 (Android 14).
Test data	Masked production extract, refreshed 21-Aug and 7-Sep. The reporting database refresh was late (see Section 5).
Tools	TestRail (test management), Jira (defects), Selenium + Java (UI automation), Postman/Newman (API), JMeter 5.6 (load), OWASP ZAP (security baseline), Jenkins (CI).
Environment issues	Payment sandbox unavailable for 3 working days (9-11 Sep); all payment tests paused. Build rc2 delivered one day late.

Author's note: The differences from production (2 of 6 nodes, 30% data, sandbox gateway) are stated up front because they limit how far the results can be trusted. See Section 10.

5. Test Execution Summary

Module / Feature	Planned	Passed	Failed	Blocked	Not Run	% Exec	% Pass
Login and Registration	60	57	3	0	0	100.0%	95.0%
Product Search and Catalog	85	78	5	0	2	97.6%	94.0%
Cart and Wishlist	70	63	4	2	1	95.7%	94.0%
Checkout and Payments	120	98	12	6	4	91.7%	89.1%
Order Management	65	58	4	2	1	95.4%	93.5%
Notifications	40	36	2	0	2	95.0%	94.7%
Admin Portal	60	53	3	3	1	93.3%	94.6%
TOTAL	500	443	33	13	11	95.2%	93.1%



Blocked tests (13)	Checkout: 4 blocked by DEF-1042 and 2 by DEF-1051. Cart: 2 by DEF-1038. Order: 2 by DEF-1047. Admin: 3 waiting for the delayed reporting-database refresh (environment issue, not a product defect).
Not-run tests (11)	All 11 are low priority (P3). They were dropped from this cycle after the 3-day gateway outage, with the QA Manager's approval on 17-Sep. They are scheduled for the regression cycle.
Automation	180 of 500 tests are automated (36.0%). 175 of the 180 passed (97.2%); the 5 failures are included in the 33 failed tests above.

Author's note: Worked check: Executed = Passed + Failed = 443 + 33 = 476. % Executed = 476 / 500 = 95.2%. % Pass = 443 / 476 = 93.1%. Blocked and Not Run are not "executed". Amber shading marks a pass rate below the 90% target (Checkout, 89.1%). Blocked and not-run tests each get a stated reason, because unexplained gaps look like hidden risk.

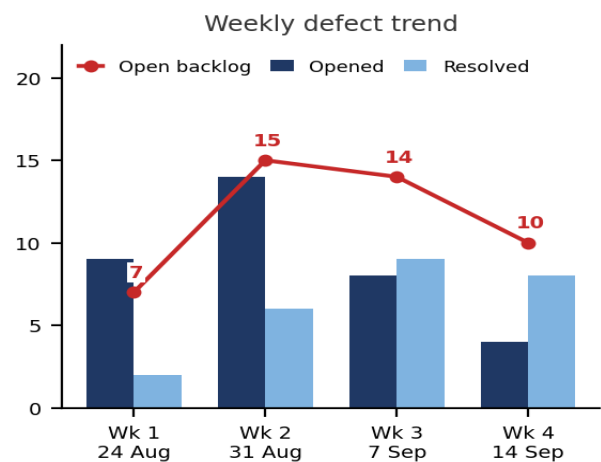
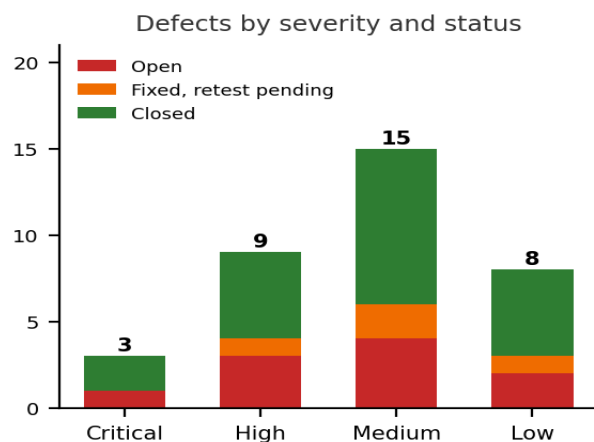
6. Test Coverage

Requirements in scope	48
Covered by at least one test	46 of 48 (95.8%)
Fully verified (all mapped tests passed)	40 of 48 (83.3%)
Uncovered requirements	REQ-CHK-11 (gift-card payments): deferred to Release 3.3 (CR-217). REQ-ADM-05 (bulk product import): test data not available; to run in the regression cycle.
Code coverage (unit tests)	Statement 78%, branch 69% (SonarQube, build 3.2.0-rc4). Not a system-test measure; shown for context.

Author's note: "Covered" and "verified" are different. A requirement can have tests (covered) but still have a failing test (not verified). Showing both (95.8% and 83.3%) gives an honest picture of how much of the release has actually been proven to work.

7. Defect Summary

Severity	Open	Fixed / Retest Pending	Closed	Total
Critical	1	0	2	3
High	3	1	5	9
Medium	4	2	9	15
Low	2	1	5	8
TOTAL	10	4	21	35



Defect density	1.43 defects per KLOC (35 valid defects / 24.5 KLOC of new and changed code); 7.4 per 100 executed tests.
Closure rate	60.0% closed (21 of 35). Including fixed defects awaiting retest, 71.4% are resolved (25 of 35).
Rejected / duplicate	6 items were rejected or duplicates and are excluded from all counts above.
Defects by module	Checkout and Payments 12 (34%); Order Management 5; Search 4; Cart 4; Admin 4; Login 3; Notifications 3.
Security scan	OWASP ZAP baseline: no High findings; 2 Medium findings logged as defects and included in the totals.

Open Critical and High defects

Defect ID	Summary	Severity	Module	Status	Owner / ETA
DEF-1042	Payment captured at gateway but order not created after timeout	Critical	Checkout	Open	A. Kulkarni, 24-Sep
DEF-1051	UPI payment callback fails on Android 15	High	Checkout	Open	M. Shah, 24-Sep
DEF-1038	Coupon applied twice after cart refresh	High	Cart	In progress	S. Rao, 23-Sep
DEF-1047	Order status not updated after partial refund	High	Order Mgmt	Open	A. Kulkarni, 25-Sep

Author's note: One further High defect, DEF-1044, is fixed and waiting for retest, so it is counted in the table above but not listed here. Every open Critical and High defect is listed individually because decision makers act on these. The density basis (per KLOC) is stated so it can be compared with earlier releases.

8. Exit Criteria Evaluation

Criterion	Target	Actual	Status	Comment
Planned tests executed	100%	95.2%	NOT MET	24 tests not executed (13 blocked, 11 not run)
Pass rate of executed tests	>= 90%	93.1%	MET	Checkout at 89.1% is below target on its own
Open Critical defects	0	1	NOT MET	DEF-1042
Open High defects	<= 2	3	NOT MET	DEF-1038, DEF-1047, DEF-1051
Blocked tests	<= 5%	2.6%	MET	13 of 500
Requirements coverage	>= 95%	95.8%	MET	2 requirements uncovered
Checkout p95 response time	<= 3.0 s	2.4 s	MET	2,000 concurrent users, 60 min

Author's note: The criteria are copied from the approved Test Plan, not invented for this report. Four criteria are met and three are not, which leads directly to the Conditional Go recommendation. Anyone can trace the recommendation back to this table.

9. Deviations from Plan

Schedule variance	Planned 24-Aug to 14-Sep (16 working days); actual 24-Aug to 18-Sep (20 working days). +4 days (+25%): 3 days lost to the gateway sandbox outage, 1 day to the late rc2 build.
Effort variance	Planned 320 person-hours; actual 352 (+32 hours, +10.0%), mainly extra retesting and waiting time.
Scope changes	Gift-card payments removed from scope (CR-217, approved by Product Owner 2-Sep). 8 tests removed with it; the 500-test plan is the revised baseline.

10. Risks, Issues and Limitations

ID	Risk / Issue	Impact	Mitigation / Action	Owner
R1	Gateway sandbox is unstable (3-day outage) and may fail again during retest	High	Escalate to vendor; stub gateway for non-payment flows	A. Kulkarni
R2	Sandbox timeout behavior differs from production, so DEF-1042-type issues may not be fully reproduced	High	Run a production smoke test on release day; enable payment-reconciliation alerts	V. Joshi
R3	QA has 2 of 6 production nodes; session and cache behavior across nodes is untested	Medium	Test on pre-production; monitor closely after release	P. Nair
R4	11 low-priority tests not executed	Low	Run in the regression cycle	P. Nair

Limitations	Payment results come from a sandbox, not the live gateway. Load testing ran on 2 nodes, so absolute figures will differ in production; the trend and the pass/fail against target are what matter.
Author's note: Each risk has an impact rating, a specific action and a named owner. A risk without an owner or an action is only a worry, not a managed risk.	

11. Lessons Learned and Recommendations

What went well	Daily defect triage with Development kept the average fix time to 2.1 days. The automated regression suite (180 tests) ran nightly and caught 5 regressions early.
To improve	Dependence on a single vendor sandbox stopped all payment testing for 3 days. Test-data refresh for reporting was late.
Recommendations	(1) Obtain an availability commitment for the sandbox from the vendor, owner V. Joshi, by 30-Sep. (2) Add API-level contract tests for the gateway, owner P. Nair, before Release 3.3. (3) Schedule data refreshes before each cycle starts, owner QA Lead, from the next cycle.

12. Recommendation and Sign-off

Final recommendation	CONDITIONAL GO for the target production release of 28-Sep-2026, subject to the conditions below.
Conditions	1. DEF-1042 (Critical) fixed, retested and closed. 2. DEF-1038, DEF-1047 and DEF-1051 (High) closed and DEF-1044 retest confirmed, or formally waived in writing by the Product Owner. 3. All 13 blocked and 11 not-run tests executed with no new Critical or High failures. 4. Full automated regression on the release-candidate build with a pass rate of at least 95%.

Role	Name	Decision	Signature	Date
Test Lead	Priya Nair	Conditional Go		21-Sep-2026
QA Manager	Rahul Deshmukh	Pending		
Development Manager	Anil Kulkarni	Pending		
Product Owner	Sneha Iyer	Pending		
Project Manager	Vikram Joshi	Pending		

Author's note: Conditions are measurable ("closed and retested", "at least 95%"), so it is objectively clear when they are met. Sign-off records who accepted the risk; "Pending" signatures show the report has been issued but not yet approved.
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