Testing Deliverables

Test Summary Report – Release 3.2.0

> **Project:** Shopping Cart System-Quire_cust_3.2.0
>
> **Test Lead:** Sameer Rege
>
> **Test Period:** July 10 – Jul 30, 2204
>
> **Release Date:** Aug 2, 2204
>
> **Environment:** Staging (v3.2.0-stg)

🔍 1. Objective

Summarize test activities, results, and quality risks discovered during testing of the Shopping Cart System v3.2.0 release. This report is intended for project stakeholders, developers, and product owners.

✅ 2. Scope of Testing

Included:

- Add to Cart
- Checkout Workflow
- Payment Gateway Integration
- Cart Persistence across sessions

Excluded:

- Mobile App (iOS/Android) – Separate test cycle
- Non-functional Testing (Performance, Security)

⏱️ 3. Test Strategy Overview

- **Approach:** Context-driven & exploratory with supporting automation.
- **Test Types Executed:**
  - Exploratory Testing Sessions
  - Automated Smoke & Regression
  - Sanity Testing on critical workflows
  - Bug verification and retesting

> *"A test strategy is not a document—it's a set of ideas that guide your test design." – James Bach*

📊 4. Test Coverage

Module	Test Cases	Passed	Failed	Not Run
Add to Cart	12	12	0	0
Checkout	18	16	2	0
Payments	14	13	1	0
Cart Persistence	10	10	0	0
Total: 54 cases run, with 3 failures (all reported and being fixed)				

🐞 5. Defects Summary

ID	Title	Severity	Status	Owner
BUG-237	Checkout not redirecting after payment	High	In Progress	Dev Team
BUG-239	Incorrect cart total under rare edge case	Medium	Fixed	QA Verified
BUG-241	Payment button disabled on mobile Safari	High	Open	Dev Team

🔍 6. Exploratory Testing Insights

Conducted 4 exploratory sessions (90 mins each) focused on:

- Payment edge cases (session timeouts, invalid cards)
- Guest checkout flow with network throttling
- Session expiration handling

> Outcome: Uncovered 2 previously unknown issues related to session state and token expiration.

📈 7. Risks & Concerns

- Known issue with payment button intermittently disabled (High priority, open)
- No test coverage for international payment gateways (out of scope for this release)
- No formal performance testing due to limited time—risk documented

📌 8. Recommendations

- Proceed with release only if BUG-237 and BUG-241 are fixed and verified in staging.
- Plan for a short hardening sprint post-release to address any residual issues.
- Introduce lightweight performance tests in the next cycle.

📚 9. Supporting Artifacts

- [Test Case Suite – Google Sheet](#)
- [Exploratory Session Notes – Confluence Link](#)
- [Defect Tracker – JIRA Filter](#)
- [Automation Logs – CI Pipeline](#)

👨‍💼 10. Final Sign-Off

Role	Name	Status
Senior QA	Sameer Rege	✅ Approved
Product Owner	Rahul Mehra	✅ Approved

| Dev Lead | Ankita Shah | ✅ Approved |

Prepared by:

Sameer Rege– QA Lead

"We don't break the software. We reveal the truth about its behavior." – Michael Bolton