TEST PLAN

Full Checkout Process Testing Plan

VERSION HISTORY

Version #	Write by	Revision Date	Approved By	Approval Date	Outline
1.0	Ahmed Amer	24/04/2025	QA lead	24/04/2025	Test Plan create

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INTRODUCTION

This Test Plan outlines the scope, strategy, and logistics for testing the Full Checkout Process. This includes adding items to the cart, user authentication, applying discounts, shipping details, payment integration, and order confirmation.

1 TEST STRATEGY

1.1 Test Type

- Functional Testing
- Integration Testing
- System Testing
- End-to-End Testing
- API Testing
- Security Testing

1.2 Scope of Testing

1.2.1 Feature to be tested

- Adding items to cart
- User authentication
- Applying discount
- Entering shipping details
- Payment (via 3rd party)
- Order confirmation

1.2.2 Feature not to be tested

- Inventory Management
- 3rd Party Payment logic
- Backend logistics
- post-order shipment tracking
- Database optimization

1.3 Risk and Issues

- Gateway downtime
- Incorrect pricing from discount logic
- Shipping rate miscalculation
- Session timeouts
- Environment misconfiguration

1.4 Test Logistics

Details of testers and timelines.

1.4.1 Who will test?

Internal QA team and automation testers will perform the tests.

1.4.2 When will the test occur?

Post-development and prior to production release.

2 TEST OBJECTIVE

Ensure the checkout process is functional, secure, and user-friendly.

3 TEST CRITERIA

Defines criteria for suspension and successful exit.

3.1 Suspension Criteria

Testing will be paused if over 30% of test cases fail or critical bugs are discovered.

3.2 Exit Criteria

All high-priority issues must be resolved with 90% pass rate on test cases.

4 RESOURCE PLANNING

Planning of system and human resources.

4.1 System Resource

Staging server, mobile devices, browsers, and automation tools like Selenium.

4.2 Human Resource

- 1 QA Manager
- 2 Manual Testers
- 1 Automation Tester
- 1 Developer for support

5 TEST ENVIRONMENT

A staging environment mimicking production including API mocks and sandbox integrations.

6 SCHEDULE & ESTIMATION

Estimation and task schedules.

6.1 All project tasks and estimation

Test Planning	2 days
Test Case Design	4 days
Execution	6 days
Bug Fixes	3 days
UAT	2 days

6.2 Schedule to complete these tasks

Week 1: Planning and Design
Week 2: Execution
Week 3: UAT and Final Fixes

7 TEST DELIVERABLES

7.1 Before testing phase

- Test plan
- Test case documents
- Environment readiness

7.2 During the testing

- Daily reports
- Defect logs
- Execution screenshots/logs

7.3 After the testing cycles is over

- Final Test Report
- Lessons Learned
- Sign-off