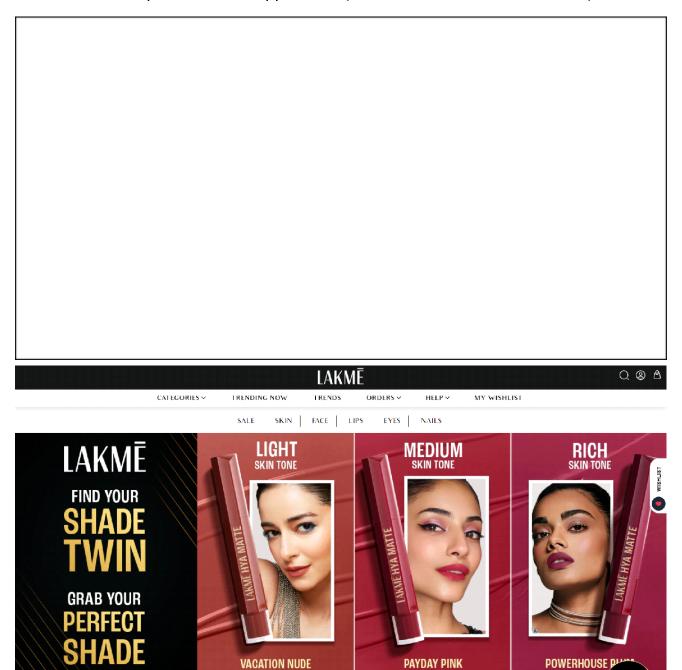
TUTORIAL 3

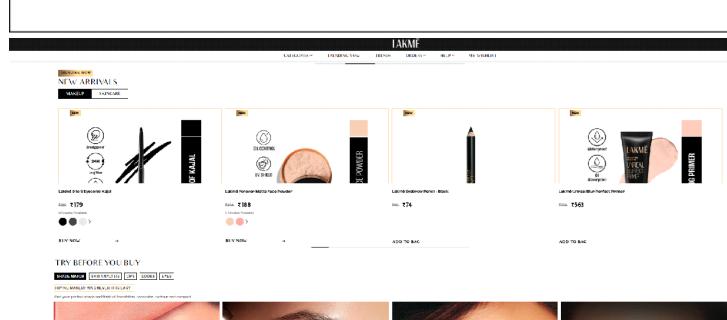
3. Prepare a detailed test report with test cases, results, and bug report for a tested module.

Test Report – LAKME Application (Product Search & Filter Module)



1. Module Tested

Product Search & Filter – ensures users can search for beauty products and apply filters (brand, price, category)



2. Testing Details

Field Info

Tester Name QA Team – LAKME Project

Test Cycle Sprint 12 (Regression + Functional)

Environment Android v14, iOS 17, Chrome v118

Database MongoDB 5.0 3)

3. Environment Details

Application: LAKME App (Android 13, iOS 16) & Web

Test Environment: QA/Staging

Browsers: Chrome v116, Safari v15

Devices: Pixel 6 (Android 13), iPhone 13 (iOS 16)

Database: PostgreSQL 12 (staging)

Builds: Android vX.Y.Z-qa, iOS vX.Y.Z-qa, Web commit

Test Data: 3 user accounts (fresh, returning, loyalty-enabled), sample addresses (PINs:

400001, 560001), test payment tokens (UPI, Card, COD)

4) Test Scenarios Covered

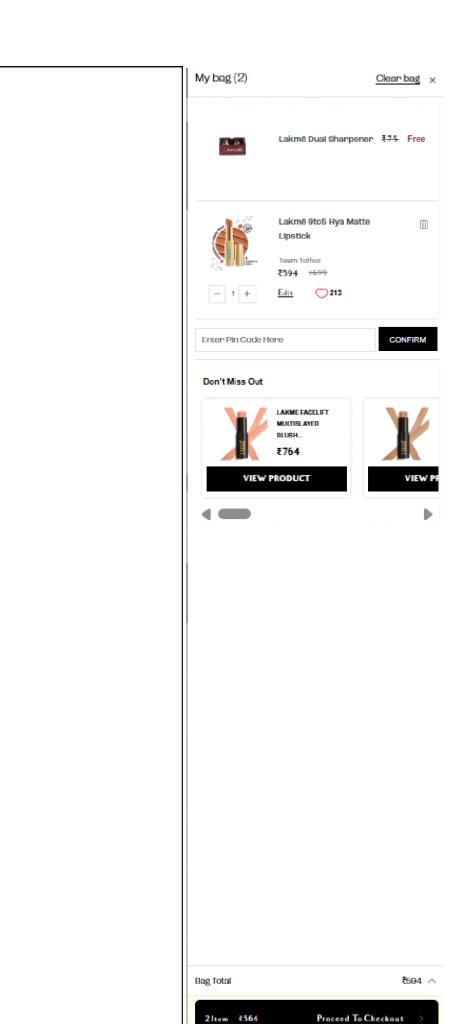
- 1. Add product to cart
- 2. Remove product from cart
- 3. Update quantity & recalculate totals
- 4. Apply valid/invalid coupons; stacking rules
- 5. Tax (GST) calculation by line item
- 6. Shipping fee & free-shipping threshold logic

- 7. Address selection & PINCODE serviceability
- 8. Proceed to payment & gateway redirection (UPI/Card/COD)
- 9. Payment success/failure handling & recovery
- 10. Order confirmation (UI + Email/SMS)
- 11. Cart persistence across sessions/devices
- 12. Price change/stock change during checkout

5) Test Cases & Results

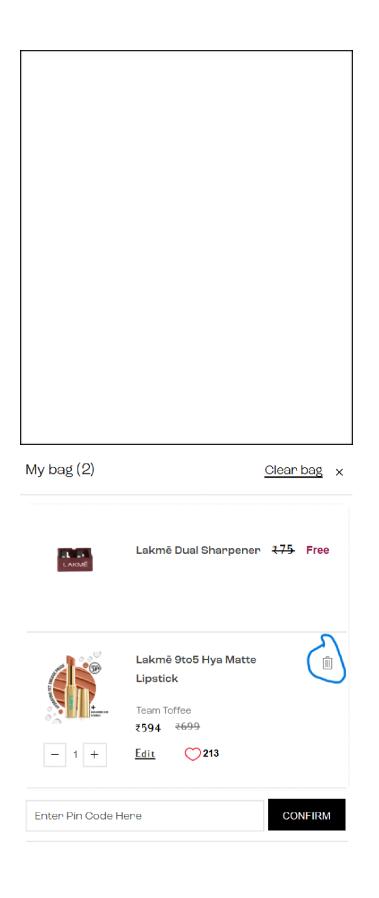
TC-01 — Add product to cart

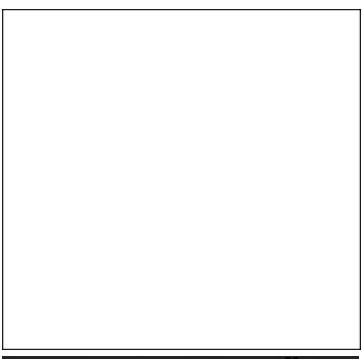
Steps: PDP → "Add to Cart" (₹599 item, in stock)

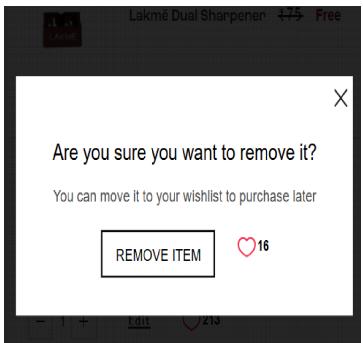


TC-02 — Remove product from cart

Steps: Cart with 1 item \rightarrow "Remove"







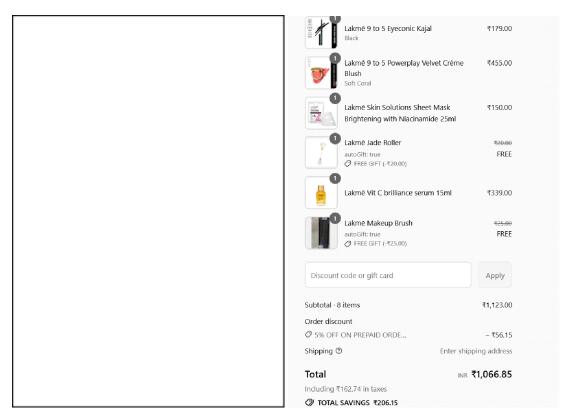
Expected: Item removed; cart empty state shown

Actual: As expected

Status: ✔ Pass

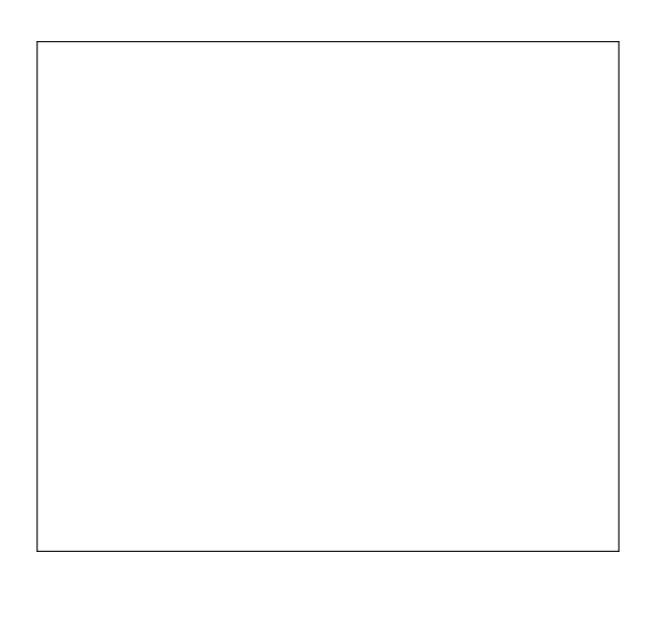
TC-03 — Update quantity and recalculate:

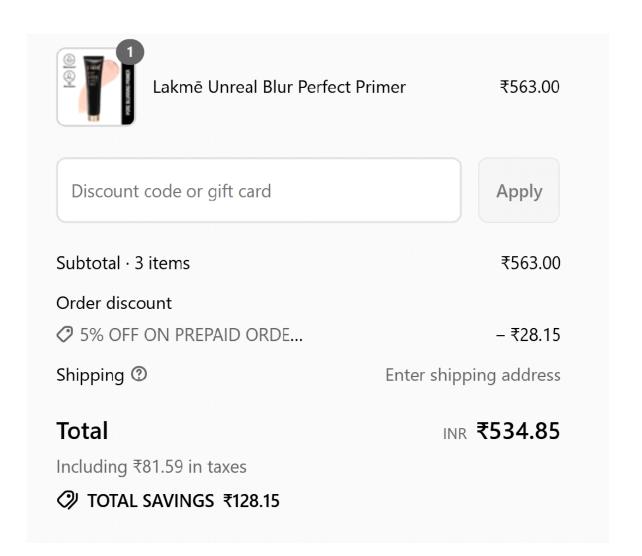
Steps: Qty 1→3 on ₹1000 item



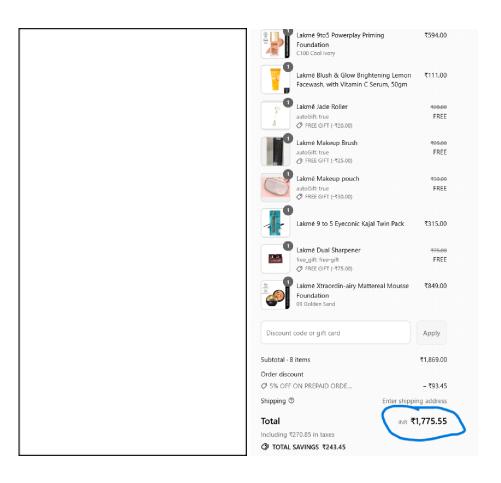
TC-04— Discount:

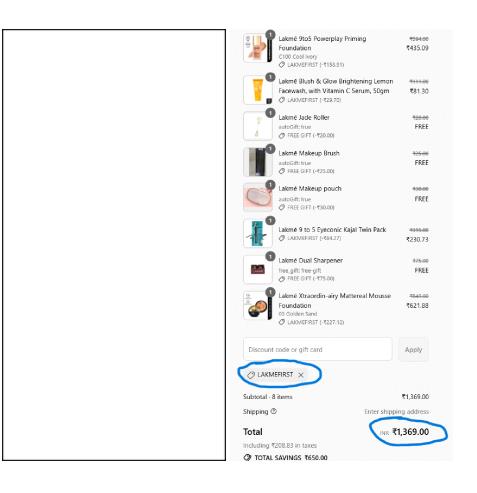
Steps: Cart ₹563 → Discount ₹5% → decrease cart to ₹534.85

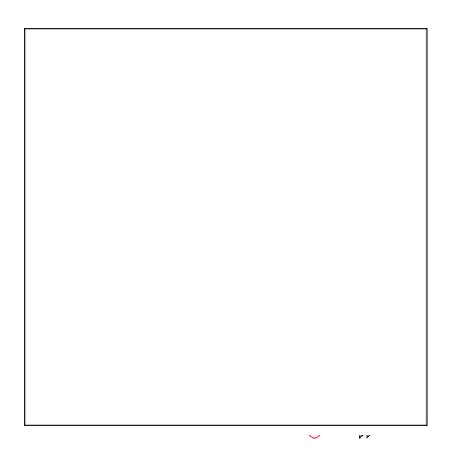




TC-05 — Apply valid coupon.







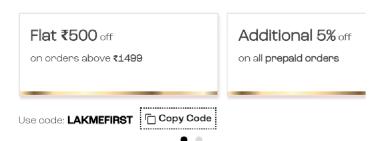
LAKMĒ 9 TO 5 EYEGONIC KAJAL TWIN PACK

MRP: ₹420 ₹315 25% OFF (Inclusive of all taxes)

★★★★ 23 Reviews

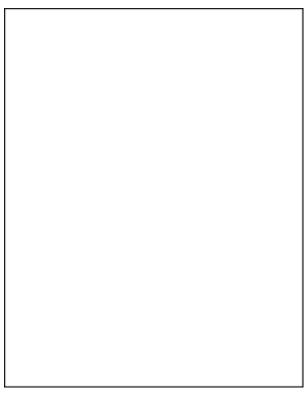


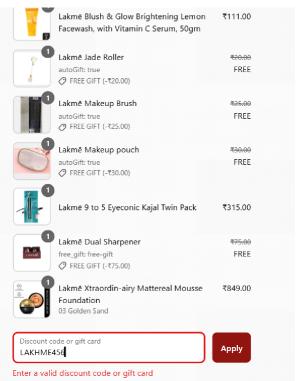
OFFERS



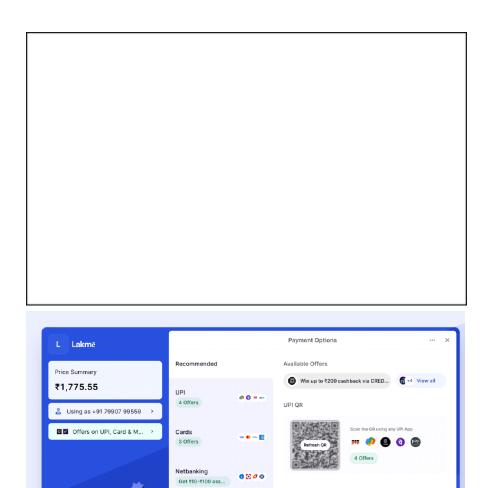
TC-06 — Invalid coupon

Input: LAKME456 (non-existent)



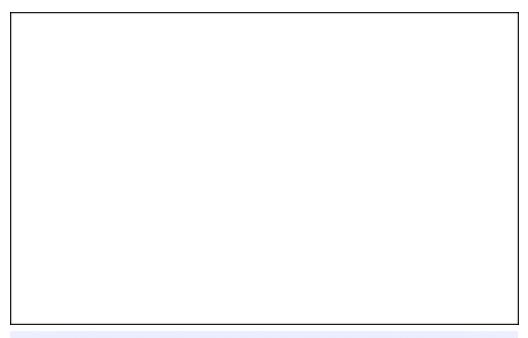


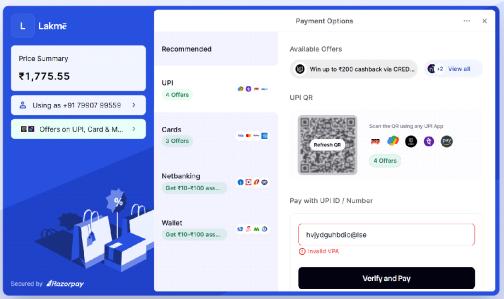
TC-07 Payment: Redirection



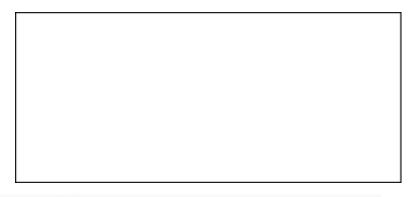
TC:08 Invalid UPI: VPA.

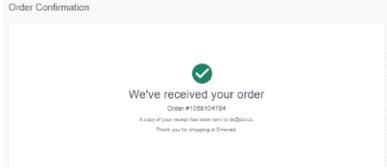
Get ₹10-₹100 ass...





TC-09 — Order confirmation.





Bug Report 1

Field Description

Bug 1 - Brand filter not working properly

ID: PUR-SEARCH-001

Security: High

Steps: Search → Apply Brand "LAKME"

Expected: Only LAKME products

Actual: Other brands also listed

Bug Report 2

Field Description

Bug 2 Combined filters return wrong results

ID: LAK-SEARCH-003

Security: High

Steps: Apply Brand + Price filter together

Expected: Filtered accurate results

Actual: Extra irrelevant products appear

Bug Report 3

Field Description

Bug 3 Clear Filters button not functional

ID: LAK-SEARCH-004

Security: Medium

Steps: Apply filters → Click "Clear All"

Expected: All filters reset → All products shown

Actual: Filters remain active

6. Conclusion

Current pass rate = 60%, which is not acceptable for release.

Critical issues with brand filtering, combined filters, and reset functionality must be resolved.

Recommended: Run re-testing + regression after bug fixes.