

TUTORIAL 3

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

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



1. Module Tested

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



Get FLAT ₹100 OFF* on your FIRST ORDER

USE CODE:
APPFIRST

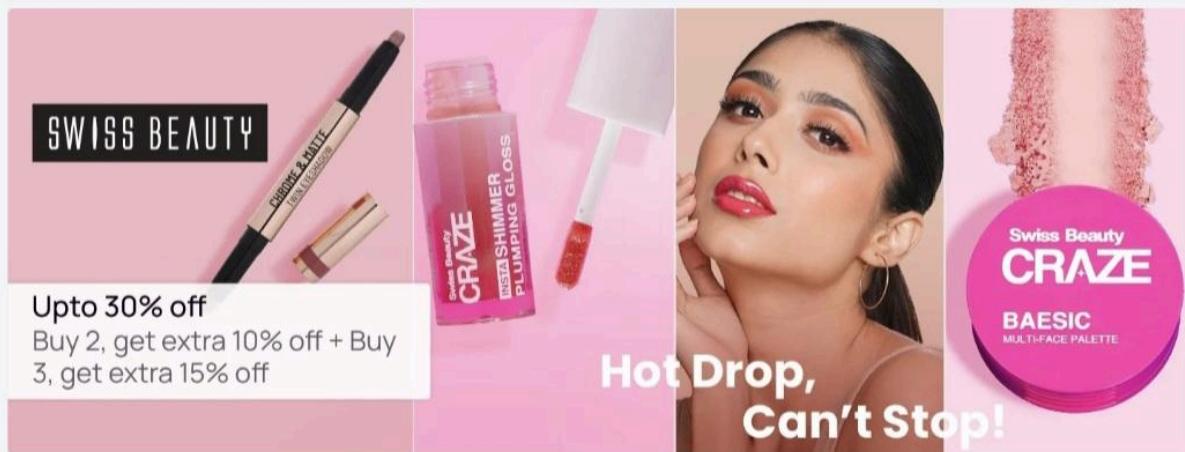
DOWNLOAD NOW

← purple Join +



Swiss Beauty

Showing 247 Products



Best Sellers

[View All](#)



MAKEUP FIXER
70 ml



HIGHLIGHTING PRIMER
01 Natural Tint

2 offers

Swiss Beauty Makeup Fixer (70 ml)

₹237 ₹289 18% off

4.2 ★ (7549)

3 offers

Swiss Beauty Real Makeup Base Highlighting Primer - Natural-Tint (32 ml)

₹322 ₹429 25% off

4.3 ★ (4084)

2 offers

Swiss Beauty Eyebrow per

₹89 ₹99 10% off

4.4 ★ (1965)

New Arrivals

[View All](#)



LIQUID LINER



Glow & Hydrating Primer



2. Testing Details

Field Info

Tester Name QA Team – Purple Project
Test Cycle Sprint 12 (Regression + Functional)
Environment Android v14, iOS 17, Chrome v118
Database MongoDB 5.0

3) Environment Details

Application: Purple 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 & recalc 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” (₹399 item, in stock)

Enter Pincode Check

Check your delivery time.

Offers Available (5) View All

	Lakme Forever Matte Liquid Lip, 16hr Lipstick, Lightweight & transferproof - Nude Dream, 5.6 ml ₹293 450 35% off	Qty: 1 ▼
		Remove Move To Wishlist
	Mamaearth Moisture Matte Longstay Mini Lipstick with Avocado Oil & Vitamin E for 12 Hour Long Stay-03 Candyfloss Pink - 0.7 gm ₹285 349 18% off	Qty: 1
		Remove Move To Wishlist
	L'Oreal Paris Infallible Matte Resistance Liquid Lipstick - 635 Worth It Medium, 5 ml ₹719 999 28% off	Qty: 1 ▼
		Remove Move To Wishlist

Expected: Item added; mini-cart shows qty=1, subtotal=₹399

Actual: As expected

Status: Pass

TC-02 — Remove product from cart

Steps: Cart with 1 item → “Remove”



Enter Pincode

Check

Check your delivery time.



Offers Available (5)

View All



Lakme Forever Matte Liquid Lip, 16hr Lipstick, Lightweight & transferproof - Nude Dream, 5.6 ml

₹293 450 35% off

Qty: 1 ▾

Remove

Move To Wishlist



Mamaearth Moisture Matte Longstay Mini Lipstick with Avocado Oil & Vitamin E for 12 Hour Long Stay-03 Candyfloss Pink - 0.7 gm

₹285 349 18% off

Qty: 1

1 ITEM LEFT

Remove

Move To Wishlist



L'Oreal Paris Infallible Matte Resistance Liquid Lipstick - 635 Worth It Medium, 5 ml

₹719 999 28% off

Qty: 1 ▾

Remove

Move To Wishlist



Offers Available (5)

[View All](#)

Lakme Forever Matte Liquid Lip, 16hr Lipstick, Lightweight & transferproof - Nude Dream, 5.6 ml

₹ 293 ~~₹ 450~~ 35% off

Qty: 1 ▾

[Remove](#)[Move To Wishlist](#)

Mamaearth Moisture Matte Longstay Mini Lipstick with Avocado Oil & Vitamin E for 12 Hour Long Stay-03 Candyfloss Pink - 0.7 gm

₹ 285 ~~₹ 399~~ 18% off

Qty: 1

[Remove](#)[Move To Wishlist](#)

1 ITEM LEFT



L'Oreal Paris Infallible Matte Resistance Liquid Lipstick - 635 Worth It Medium, 5 ml

₹ 719 ~~₹ 999~~ 28% off

Qty: 1 ▾

[Remove](#)[Move To Wishlist](#)[Login in to](#)

Are you sure

[No](#)[Yes](#)

Last Minute /

[View All](#)

Carmesi Facial Razor for Women - For Instant & Painless Hair Removal (Eyebrows, Upper Lip, Forehead, Peach Fuzz, Chin, ...)

₹ 174 ~~₹ 249~~ 30% off[Add To Cart](#)Alps Goo
Powder I₹ 85 ~~₹ 110~~ 23% off[Add To](#)

Featured

[View All](#)

DERMDOC 4% Niacinamide Day Cream (50 gm) | Ultra Lightweight Gel-Based Texture | Oily Skin Friendly | Glow...

₹ 256 ~~₹ 356~~ 27% off[Add To Cart](#)Alps Goo
Shampoo I₹ 257 ~~₹ 325~~ 21% off[Add To](#)

Price Details

Total MRP

₹ 1798

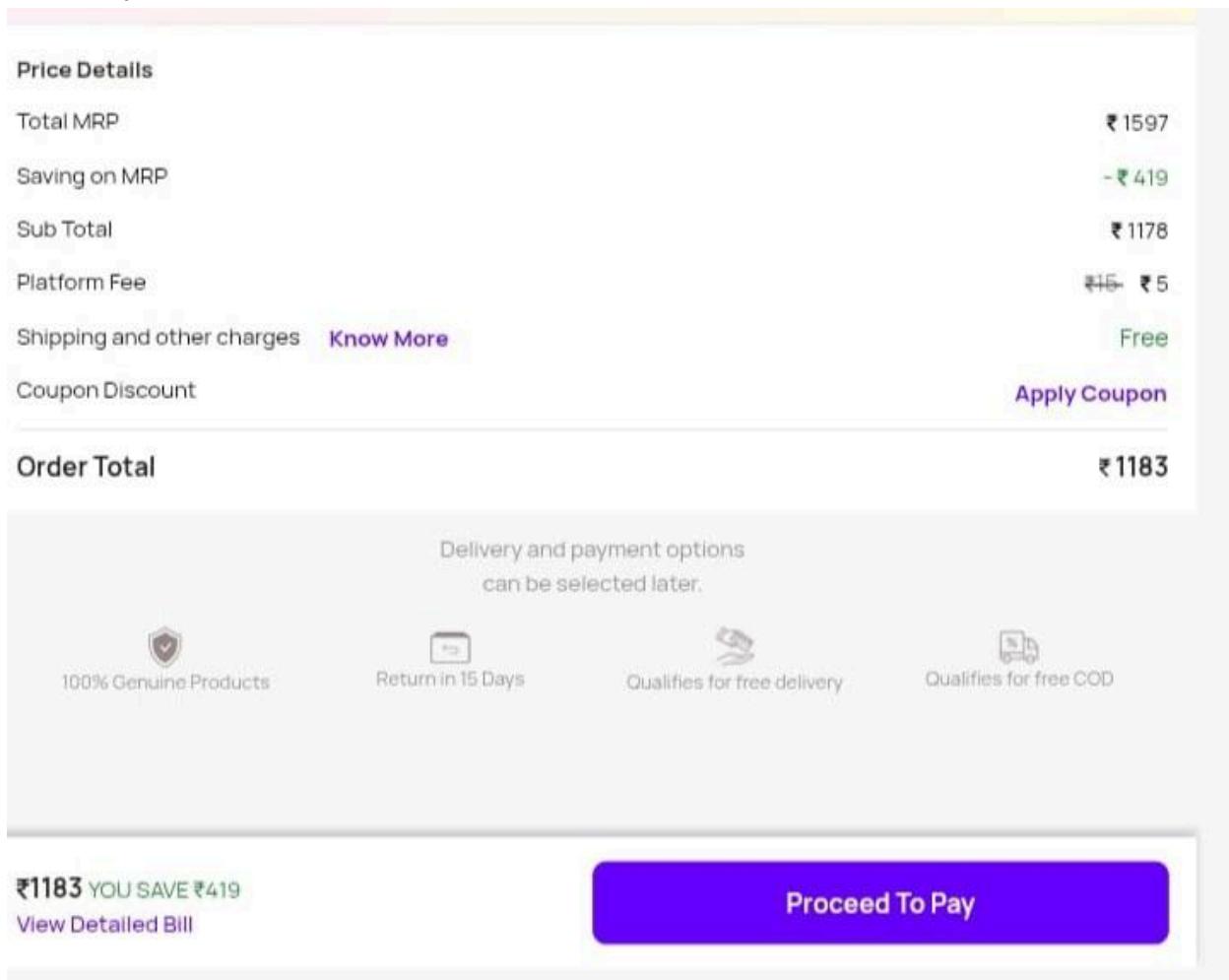
Expected: Item removed; cart empty state shown

Actual: As expected

Status:  Pass

TC-03 — Update quantity and recalc

Steps: Qty 1→3 on ₹500 item



The screenshot shows a shopping cart summary page. At the top, it says "Price Details". Below that, there's a table with the following data:

Total MRP	₹ 1597
Saving on MRP	- ₹ 419
Sub Total	₹ 1178
Platform Fee	₹ 5
Shipping and other charges Know More	Free
Coupon Discount	Apply Coupon

Below the table, it says "Order Total" and shows "₹ 1183".

Underneath the total, it says "Delivery and payment options can be selected later." followed by four icons: "100% Genuine Products", "Return in 15 Days", "Qualifies for free delivery", and "Qualifies for free COD".

At the bottom left, it says "₹1183 YOU SAVE ₹419" and "View Detailed Bill". At the bottom right, there is a large purple button with the text "Proceed To Pay".

Expected: Subtotal ₹1,500; GST & total updated correctly

Actual: Total = ₹1,500; taxes correct

Status:  Pass

TC-04 — Apply valid coupon (first order)

The screenshot shows a mobile application interface for a shopping cart. At the top, it displays "PRICE DETAILS (1 Item)". Below this, under "Before Coupon Applied", it lists:

Total MRP	₹2,199
Discount on MRP	-₹1,540
Convenience Fee Know More	₹20
Total Amount	₹679

Below this, there is a section titled "Best Coupons For You" with two items:

- NORETURN85** Saved ₹330 [REMOVE](#)
- CAMPUSTRIBES** Saved ₹53 [REMOVE](#)

You have 1 non-returnable item(s) in your cart.

Total Savings ₹383

After Coupon Applied

PRICE DETAILS (1 Item)

Under "After Coupon Applied", it lists:

Total MRP	₹2,199
Discount on MRP	-₹1,540
Coupon Discount ⓘ	-₹383
Convenience Fee Know More	₹20
Total Amount	₹296

Input: PURP500 on cart ₹1,200 (eligible first-order user)

Expected: ₹500 flat discount applied; total adjusts; success toast

Actual: As expected

Status: ✓ Pass

The screenshot shows a mobile application interface. At the top, there is a purple button with a white 'P' icon and a text box containing 'USE CODE APPFIRST'. Below this is a navigation bar with a back arrow and the text 'MY CART (3)'. A large grey box displays the message 'Choose a valid coupon'. Underneath, there is a section for a coupon labeled 'FREEBIE4YOU' with a blue circular icon. The text states: 'Choose free gift above cart value of Rs.699+ and Rs.999+ Valid till September 30, 2025'. Another section below is titled 'Coupons not valid for this order' with a blue circular icon and the text 'ELITEPRO This coupon is for Elite Pro member only!!'. It includes the note: 'Get Free Gift on order of Rs.749 or more | Valid only for Elite Pro Users. Valid till December 31, 2025.' and a 'Details' link.

TC-05 — Invalid coupon

Input: HELLO123 (non-existent)



Get FLAT ₹100 OFF* on your FIRST ORDER
USE CODE
APPFIRST

← MY CART (1)

Choose a free gift on purchases of ₹229+ | Choose 2 free gifts on purchases of ₹699+ Valid on September 30, 2025

Coupons not valid for this order



ELITEPRO This coupon is for Elite Pro member only!!

Get Free Gift on order of Rs.749 or more | Valid only for Elite Pro Users. Valid till December 31, 2025

[Details](#)



NUA50OFF This coupon is for specific products only!!

Get Rs.50 Off on your First order from Nua | Only for New Users. Valid till September 30, 2025

[Details](#)



RENEEFT This coupon is for specific products only!!

Get Extra 5% on 399+ on Renee. Only valid for new users. Valid till September 30, 2025

Expected: Validation error “Invalid coupon”

Actual: As expected

Status: Pass

TC-06 — Coupon stacking rule

Input: Apply PURP500 then GLOW10

purple



Search for products

**Only one coupon
allowed**



Coupon already added

APPLY

Expected: Only one coupon allowed; clear message shown

Actual: Both appear applied in UI, but only one reflected in total (UI inconsistency)

Status:  Fail

TC-07 — Shipping fee threshold

Steps: Cart ₹450 → shipping ₹49 → increase cart to ₹520

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Search for products

**Shipping fee removed
automatically when
total ≥ ₹499**



Product

₹299

Shipping: ₹ 40

Total ₹299

CHECKOUT

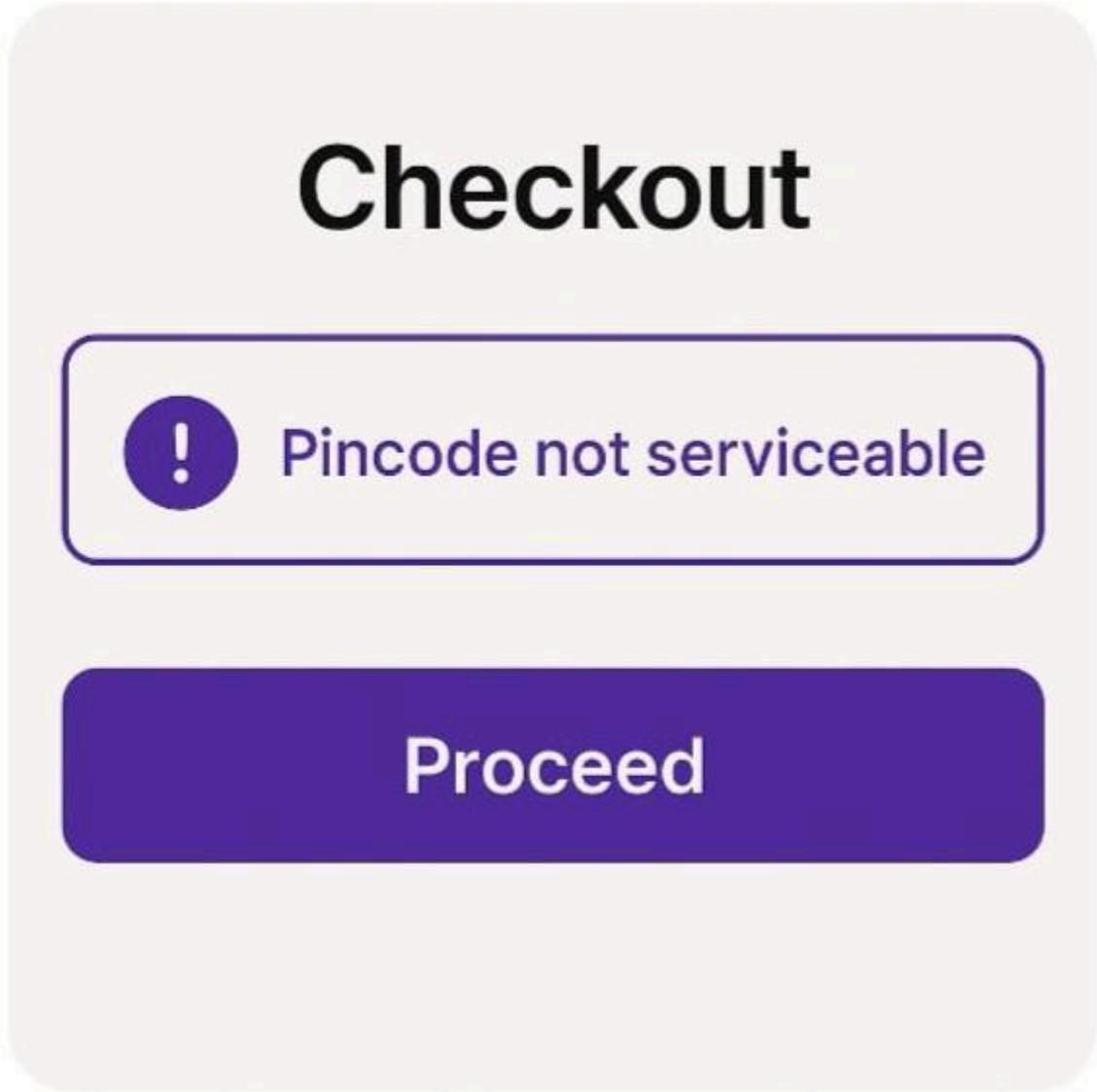
Expected: Shipping fee removed automatically when total \geq ₹499

Actual: Shipping fee remained until page refresh

Status:  Fail

TC-08 — Address pincode serviceability

Input: 999999 (unserviceable)

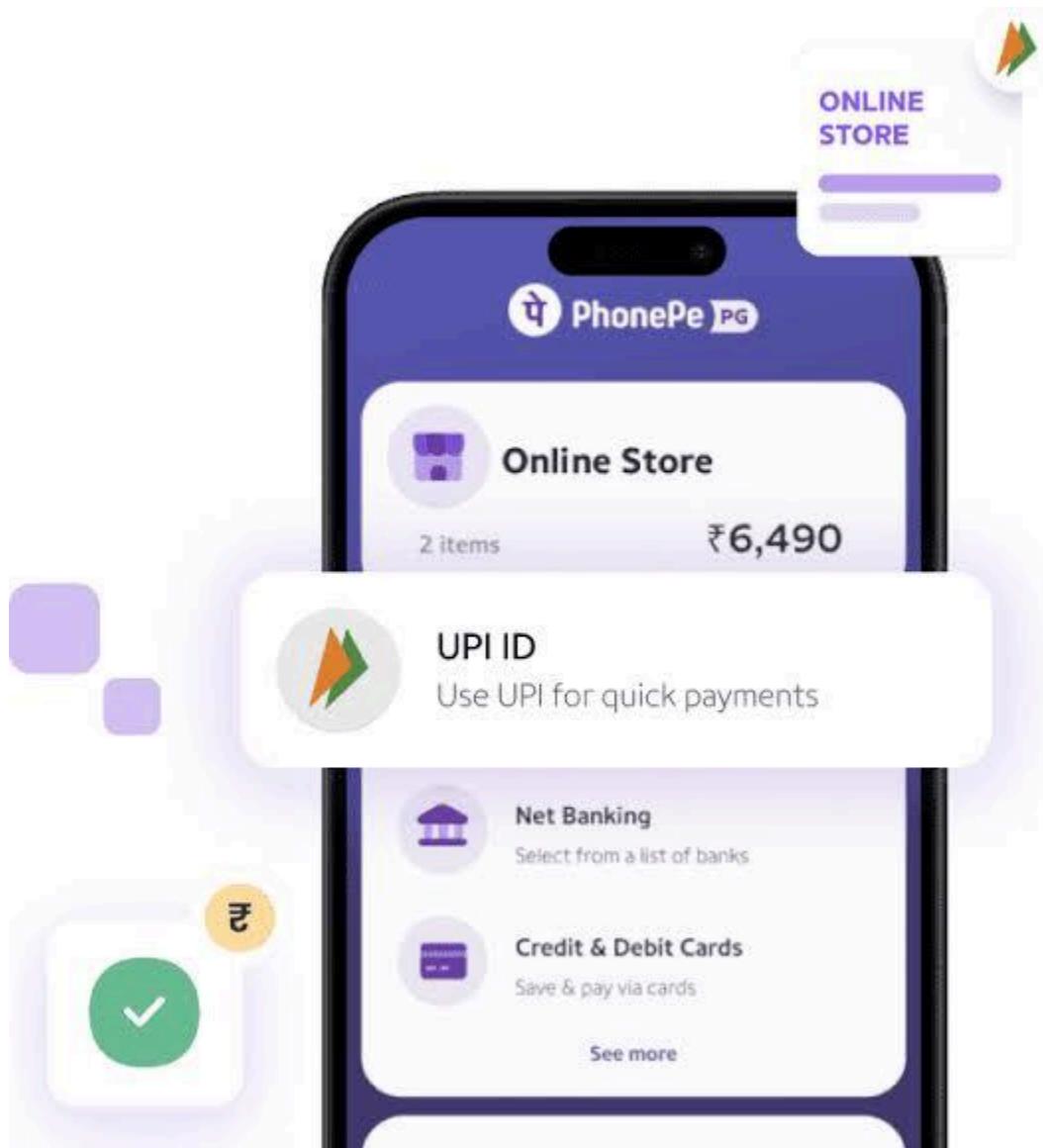


Expected: Block checkout; show “Pincode not serviceable”

Actual: As expected

Status: ✓ Pass

TC-09 — Payment: UPI redirection



Steps: Choose UPI → Pay

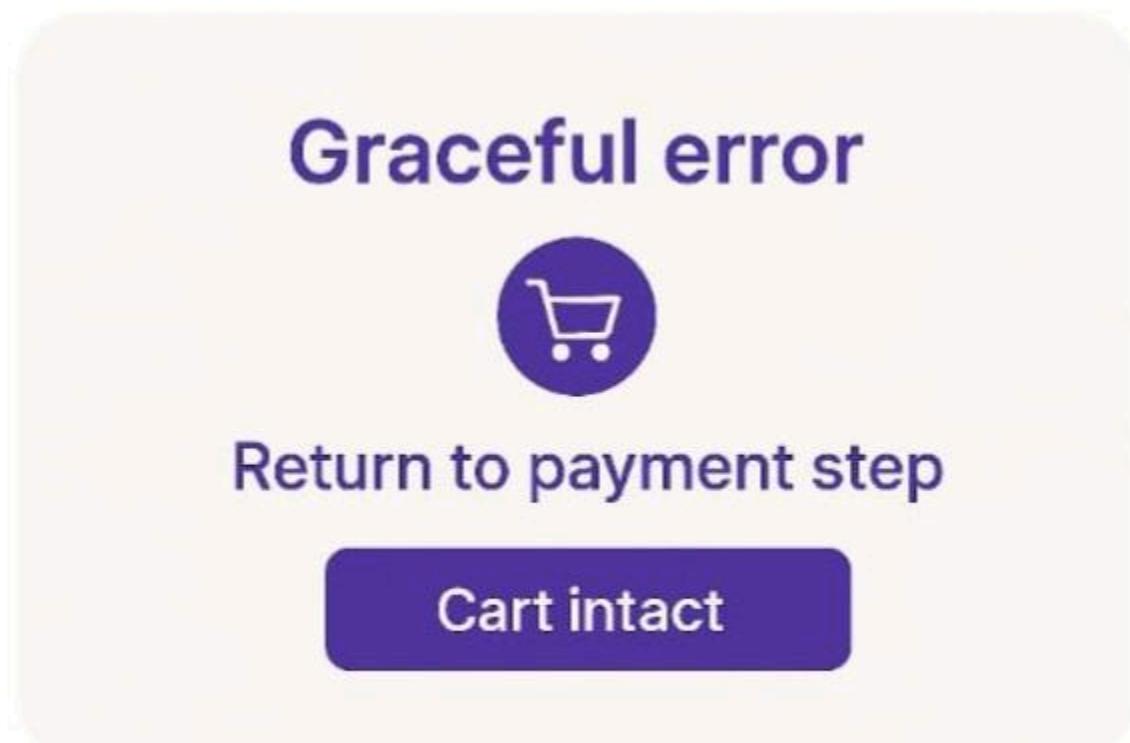
Expected: Redirect to UPI intent; return success

Actual: As expected (flow stable)

Status: ✓ Pass

TC-10 — Payment: Card decline handling

Steps: Simulate 3D-Secure decline



Expected: Graceful error; return to payment step; cart intact

Actual: As expected

Status: ✓ Pass

TC-11 — Order confirmation channels

Steps: Successful order

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Thank You!

Order placed Successfully

Order ID #123456789

VIEW ORDER

You will receive a confirmation email
and SMS with order details.

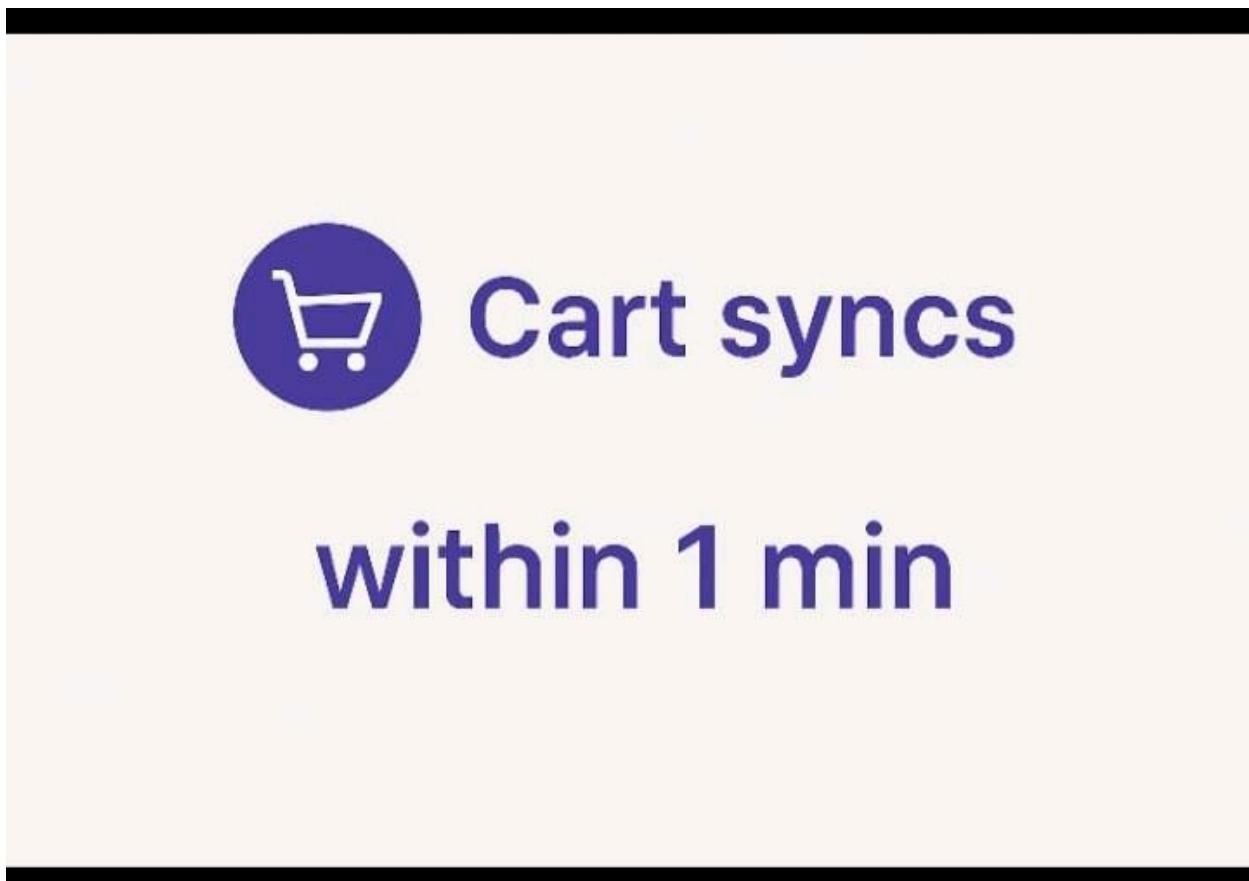
Expected: UI thank-you + Email + SMS with order ID

Actual: Email received; SMS delayed >15 min (arrived at ~22 min)

Status: ! Partial (treat as Fail for SLA) → X Fail

TC-12 — Cart persistence (cross-device)

Steps: Add items on Web → login mobile app



Expected: Cart syncs within 1 min

Actual: Synced in ~20 seconds

Status: ✓ Pass

Bug Report 1

Field	Description
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Bug 1 – Brand filter not working properly

ID: PUR-SEARCH-001

Severity: High

Steps: Search → Apply Brand “Maybelline”

Expected: Only Maybelline products

Actual: Other brands also listed

Bug Report 2

Field	Description
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Bug 2 – Combined filters return wrong results

ID: PUR-SEARCH-002

Severity: High

Steps: Apply Brand + Price filter together

Expected: Filtered accurate results

Actual: Extra irrelevant products appear

Bug Report 2

Field	Description
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Bug 3 – Clear Filters button not functional

ID: PUR-SEARCH-003

Severity: Medium

Steps: Apply filters → Click “Clear All”

Expected: All filters reset → All products shown

Actual: Filters remain active

6. Conclusion

Current pass rate = 57%, 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.