

Test Summary Reports

Project Name :- Tutorials Ninja E-commerce website Testing
Module Testing :-(Shopping cart Functionality & Affiliate Program)
Tested URL:-<https://tutorialsninja.com/demo/>
Prepared By: - Shiv Shanker Gupta
Date: - 07/02/2025
Reviewed By: - Mr. Shiva Kumar
Tested By:- Shiv Shanker Gupta
Testing Type:- Exploratory Testing
Test Execution Period: - (04/02/2025 to 08/02/2025).
Approval: - Mr.Shiva Kumar.

1. Test Objective

The primary goal of this testing was to perform **Exploratory Testing** on the **Shopping Cart** and **Affiliate Program** functionalities to identify defects without predefined test cases. The testing focused on:

- Ensuring **correct functionality** of the **Shopping Cart** (Add to Cart, Update Cart, Remove Items, Checkout).
 - Validating the **Affiliate Program** (Registration, Commission Tracking, Payments).
 - Identifying **functional defects, UI inconsistencies, security vulnerabilities, and performance issues**.
 - Exploring **unexpected system behavior** and edge cases.
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2. Test Scope

2.1 In-Scope

Shopping Cart:

- Add/Remove items, update quantity, apply coupons, checkout process.
- Order summary, total price calculation, and payment verification.
- User session handling in the cart (persistent cart).

Affiliate Program:

- Affiliate registration, login, and dashboard validation.
- Tracking commission earnings, withdrawals, and payment methods.
- Validation of referral links and tracking mechanisms.

2.2 Out-of-Scope

Backend Database Testing
Non-shopping features (e.g., blog, contact page, non-affiliate account functions)

3. Test Execution Summary

Test Category	Total Scenarios Tested	Passed	Failed	Blocked	Not Tested
Shopping Cart	20	16	4	0	0
Affiliate Program	20	16	4	0	0
Total	40	32	8	0	0

4. Key Defects Found

Defect ID	Defect Description	Severity	Status
BUG_001	Add to Cart button not working for some products	Critical	Open
BUG_002	Shopping cart total price does not update correctly when quantity changes	High	Open
BUG_003	Checkout allows proceeding with blank mandatory fields	High	Open
BUG_004	Affiliate registration form accepts invalid email formats	Medium	Open
BUG_005	Affiliate commission is not tracked for certain referrals	High	Open
BUG_006	Coupon codes do not apply correctly in some cases	Medium	Open
BUG_007	Logged-in user session is lost during checkout process	Critical	Open

Total Defects: 7

- Critical: 2
 - High: 3
 - Medium: 2
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5. Key Findings & Observations

Strengths:

- The **Shopping Cart functionality is mostly stable**, with proper product addition and checkout flow.
- The **Affiliate Program dashboard is well-structured**, showing referral earnings and transactions.
- The **user interface is responsive** on different screen sizes.

Areas of Improvement:

- **Price calculation in the shopping cart needs fixing** (incorrect updates).
 - **Security issue: Affiliate registration accepts invalid email formats**, leading to potential spam accounts.
 - **Session handling needs improvement**: Users get logged out randomly during checkout.
 - **Affiliate tracking system needs validation**: Some referrals are not being credited.
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6. Conclusion & Recommendations

- The **Shopping Cart functionality is partially working**, but **cart price updates and checkout validation must be fixed**.
- The **Affiliate Program has tracking issues**, and **email validation needs improvement**.
- **Security vulnerabilities (session management, form validation) should be prioritized**.
- After fixing **critical issues**, a **regression testing cycle** should be conducted.