Test Plan

WooCommerce Checkout Process

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Product Name	WooCommerce	Test Plan Version	-
Product Version	9.3.1	Test Plan Template Version	-

Revision History

Author	Comments	Date
Mimusa Azim Mim	Initial Draft	September 17, 2024

Test Plan Review/Approval

Title		Date
Product Manager		
ProgramManager		
QA Project Lead		
QA Team		
Review Team		

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1. Overview

This test plan outlines the scenarios to be tested for the WooCommerce checkout process, ensuring a smooth user experience. This document serves as high level test planning document with details on the scope of the project, test scenarios, test data, test schedule, and potential issues.

2. Reference Documents

- URL (No BRS document)

3. Scope

Inclusions:

This comprehensive test plan focuses on functionalities related to the WooCommerce checkout process, including:

- Guest Checkout (without login)
- Registered User Checkout
- Payment Method Selection (various options)
- Applying Coupon Codes
- Free Shipping and Tax Calculations

Exclusions:

- All the features except that are mentioned under 'Inclusions'
- Test Automation

4. Test Environment

- Browser: Latest versions of Chrome.
- Operating Systems: Windows 10.
- Test Server: Staging environment.

5. Test Scenarios

I aim to test the following key scenarios, briefly written in Test Scenarios:

a) Guest Checkout (Without Login)

- Navigate to the checkout page

- Enter required billing and shipping information

- Select a payment method and complete the purchase

- Verify order confirmation

b) Registered User Checkout

- Log in as a registered user

- Verify saved billing/shipping information

- Complete a purchase and validate order details.

c) Payment Method Selection

- Test different payment methods (e.g., Direct Bank Transfer, Cheque Payment, Cash On Delivery)

- Validate the integration of each payment gateway.

d) Applying Coupon Codes

- Enter a valid coupon code and verify the discount

- Enter an expired or invalid coupon code and validate the error message.

e) Order Scenarios

- Free shipping (validate eligibility and calculation)

- Tax calculations for different regions.

6. Test Data

The following test data will be used for different order scenarios:

- **Guest Checkout**: Order should complete without login.

- **Registered User Checkout**: Order should complete with pre-filled details.

- **Products:** A variety of products will be added to the cart.

- **Shipping Addresses:** Multiple addresses with varying zip codes will be used.

- **Payment Methods:** Available payment methods (e.g., Direct Bank Transfer, Cheque Payment, Cash On Delivery) will be tested.

- **Coupon Codes:** Valid (e.g., BIJOY24, NewMe) and invalid coupon codes will be used to verify functionality.

- **Free Shipping & Tax:** Free shipping for orders of In- zone/domestic. Address: North America

- **Flat Rate:** A fixed flat rate of 50$ will be applied on out-zone/ international orders. Address: International Address (pin code, state, country)

7. Sample Test Cases

1) [Guest Checkout](#)

2) [Registered User Checkout](#)

3) [Payment Method Selection](#)

4) [Applying Coupon Code](#)

8. Test Strategy
- We are going to use Manual Testing process
- Existing functionalities will be validated as part of regression tests.
- New functionalities will be validated as part of progression tests.
- Fixed defects will be validated.

9. Testing Timelines/Schedules

Iteration (or) Build No.	Start Date	End Date
Iteration#1(Build#1)	-	-
Iteration#2(Build#2)	-	-
Iteration#3(Build#3)	-	-

10. Potential Issues & Mitigation

Sl.No	Risk	Mitigation
1	Hardware failure during testing	Make ready IT team, also maintain backup h/w resources.
2	Payment gateway failures	Manage Payment gateways
3	Incorrect calculations for discounts, taxes, or shipping.	Carefully check tax calculations
4	Usability issues like unclear error messages or layout problems.	Developer should careful about that.
5	Non-Availability of a Resource	Backup Resource Planning
6	Build URL is not working	Resources will work on other tasks
7	Less time for Testing	Company will ramp up the resources based on the Client needs dynamically

11. Entry Criteria
- Requirement Specification Document
- Test Plan
- Test cases
- Unit Tests cases should pass

12. Exit Criteria
- Zero Installer defects.
- Completion of Planned Test Case's Execution.
- No P1/P2 Functional defect from any iteration

13. Suspension and Resumption Criteria
- Based on the Client decision, we will suspend and resume the Project.
- We will ramp up and ramp down the resources as per Client needs.
- Finally, by adhering to this test plan and performing comprehensive testing, developers can identify and resolve defects in the checkout process, ensuring a positive customer experience and contributing to the overall success of the WooCommerce platform.