**E-commerce Website Payment Functionality**

*Overview:*

Once the user has selected the product(s), they can order the product(s) through various payment methods using the cards/digital payments/net-banking/pay on delivery. The users who have not logged in or signed up previously will now be compulsorily asked for a login/signup using the basic requirements. The user is allowed to enter their address details for the product to be shipped and delivered as per the timeline.

*Test Strategy:*

QA Entry Criteria:

- QA will be sharing a Code Drop Template with dev to share details of the feature/web lab etc Link

- Unit test report should be shared by DEV with greater than 90% pass percentage

- Sing-off on test cases by stake holders

QA Exit Criteria:

- Functional Blockers are resolved and regressed

- All defects opened should be fixed and closed

- No bugs should remain marked QA BLOCKER or LAUNCH BLOCKER

- All E2E test cases are executed by QA team and signed off

- All stake holders signed off the E2E test scenarios

*Test Cases – Functional Testing:*

1.To verify that the payment options are displayed on the checkout page or not.

2.To verify that the product details like Product name, Product quantity, Product amount are displayed on Checkout Page or not.

3.To verify that the unregistered users are not allowed to access the checkout page.

4.To verify that the user’s name, address, city, state, country, postal code is displayed as the mandatory field on the checkout page for Shipping Address.

5.To verify that Name, Street Address, City, State, Country, Postal code is the mandatory field in the Checkout page for Billing Address.

6.To verify that the user is getting an error message or not when the user enters incorrect data in all the mandatory fields on the checkout page.

7.To verify that the back button is working properly or not.

8.To verify that the user should be redirected to the payment page after entering valid data.

9.To verify that the user is able to apply coupons or not.

10.To verify that the order price when the coupon code is applied.

11.To verify that the error message for an invalid coupon code.

12. To verify mode of payment such as debit/credit, internet banking, EMI and UPI type.

13.To verify the Name on Card, Card Number, Expiry Date, and CVV number are mandatory fields on the Payment Page or not.

14.To verify that the error message is displayed when the user enters incorrect data in all the mandatory fields on the payment page.

15.To verify that the user is redirected to the 3rd party page or not.

16.To verify that the user is able to place an order successfully.

17.To verify that after placing an order, the total price should be zero.

*Test Cases for Credit/Debit Card Options:*

No Card number Expiry date CVV

1 Valid Invalid Invalid

2 Valid Valid Invalid

3 Valid Valid Valid

4 Invalid Valid Valid

5 Invalid Invalid Valid

6 Invalid Invalid Invalid

*Test Cases for Net banking Options:*

1.Verify that net banking options are available with radio button or not

2.Verify that user is able to select net banking option or not

3.Verify that user is able to proceed with net banking option or not

4.Verify that the user is getting selected net banking interface or not

*Positive Test cases for Payment Gateway:*

1.Verify that the user is able to save card information or not.

2.Verify that the user is able to see the correct amount or not.

3.Verify that the user is able to see proceed with null value in the cart.

4.Verify that the user is able to proceed with the blocked card or not.

5.Verify that the user is able to proceed with expired card data or not

6.Verify that the user is able to get a confirmation message for successful payment.

7.Verify that the pop-up window is displayed when the session has expired

8.Verify that the user is able to select a message after an unsuccessful payment.

9.Verify that click on the back button of the browser button while the payment process

10.Verify that payment process when the session gets expired

11.Verify that the user is able to change the language while the payment process

*Negative Test cases for Payment Gateway:*

1.Verify if the payment gateway stops responding while transaction

2.Verify that the Payment Process when the session expires

3.Verify that the payment transaction process while disconnecting network connection

4.Verify that back button functionality while payment process

5.Verify that refresh button functionality while payment process