**Test scenario for E – Commerce website**

1. User Registration:

- Test Case 1: Verify that a new user can successfully register with valid credentials.

- Test Case 2: Verify that the registration process fails when using an existing email or username.

2. User Login:

- Test Case 3: Verify that a registered user can log in with valid credentials.

- Test Case 4: Verify that login fails with incorrect credentials.

- Test Case 5: Verify that a user can reset their password successfully.

3. Product Search:

- Test Case 6: Verify that users can search for products using different keywords.

- Test Case 7: Verify that the search results are relevant to the searched keywords.

4. Product Details:

- Test Case 8: Verify that users can view detailed information about a product.

- Test Case 9: Verify that the product details include correct information like name, price, description, etc.

5. Add to Cart:

- Test Case 10: Verify that users can add products to their shopping cart.

- Test Case 11: Verify that the cart shows the correct number of items and the total price.

6. Checkout and Payment:

- Test Case 12: Verify that users can proceed to checkout and provide shipping and payment details.

- Test Case 13: Verify that the order is successfully placed after payment.

7. Order History:

- Test Case 14: Verify that users can view their order history and details of previous orders.

8. Discounts and Promotions:

- Test Case 15: Verify that discounts and promotional offers are applied correctly during checkout.

- Test Case 16: Verify that expired or invalid offers are not applied.

9. Mobile Responsiveness:

- Test Case 17: Verify that the website is responsive and works well on different devices (desktop, mobile, tablet).

10. Security Testing:

- Test Case 18: Verify that sensitive information like passwords and payment details are securely encrypted.

- Test Case 19: Verify that the website is protected against common security vulnerabilities (e.g., SQL injection, XSS).

11. Performance Testing:

- Test Case 20: Verify that the website loads quickly and handles a high number of concurrent users without performance degradation.

12. Order Tracking and Shipping:

- Test Case 21: Verify that users can track their orders and receive shipping updates.

13. User Account Management:

- Test Case 22: Verify that users can update their account information (e.g., profile picture, contact details).

- Test Case 23: Verify that users can delete their accounts if they choose to do so.