1. **Test Plan Id:** Katalon Amazon Project
2. **Introduction:**

* The purpose of this project report is to provide a comprehensive overview of the testing activities conducted for an e-commerce website.
* The testing activities were carried out to ensure that the website functions as expected, meets the requirements, and delivers a high-quality user experience. The report includes details on the testing objectives, scope, testing approach, test environment, test activities, test results, and recommendations for improvement.
* Verify the functionality of the website, including product browsing, product search, shopping cart, checkout process, payment processing, and order confirmation.

1. **Test Items:**

* Login
* Search An Item
* Add Product To The Cart
* Wishlist
* Logout

1. **References:**

* Requirements
* Project Plan
* Test Strategy
* Use cases
* High level Design Documents
* Low Level Design Documents
* Process Guide Line Documents
* Prototypes.

1. **Features to be tested:**
2. **Login:**
3. Verify that users can login with valid credentials (email and password).
4. Verify that users cannot login with invalid or incorrect credentials.
5. Verify that users can reset their password in case they forget it.
6. Verify that appropriate error messages are displayed for incorrect login attempts.
7. **Search An Item:**
8. Verify that users can search for products based on various criteria such as keywords, categories, brands, etc.
9. Verify that search results display accurate and relevant products.
10. Verify that users can filter and sort search results based on different parameters.
11. **Add Product To The Cart:**
12. Verify that users can add products to their cart and view the cart contents.
13. Verify that users can update the quantity or remove products from the cart.
14. **Wishlist:**
15. Verify that users can add product to wishlist and view the wishlist contents.
16. Verify that users can update the quantity or remove products from the wishlist.
17. **Logout:**
18. Verify that users can login with valid credentials (email and password).
19. Verify that user can go to the settings.
20. Verify that the user can click on logout option.
21. **Features not to be tested:** NA.
22. **Entry Criteria:**
23. **Test Design:**
24. Team formation, Responsibilities, schedule, requirements, test case template.
25. Training on domain, on automation tools.
26. **Test Execution:**
27. Readiness of test tab
28. Readiness of AUT
29. Requirements
30. Test case Documents
31. Test data
32. Defect Report Template Etc…
33. **Exit Criteria:**
34. All possible test cases executed
35. Maximum defect fixed, final regression performed successfully
36. Confidence on test process
37. Time limitations
38. Budget limitations
39. **Suspension criteria:** Nil.
40. **Roles and Responsibilities:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **NAME** | **ROLE** | **RESPONSIBILITIES** | **REMARKS** |
|  | R AMRUTHA | Test Lead | Test planning, guidance, Monitoring and test control |  |
|  | R AMRUTHA | Sr. Tester | Test data collection, Generating test scenarios |  |
|  | R AMRUTHA | Tester | Test case documentation, test execution, defect reporting and tracking for Admin module |  |
|  | R AMRUTHA | Tester | Test case documentation, test execution, defect reporting and tracking for Personal banking module |  |
|  | R AMRUTHA | Tester | Test case documentation, test execution, defect reporting and tracking for Corporate banking module |  |

1. **Schedule:**

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| --- | --- | --- | --- | --- |
| **S.NO** | **TASKS** | **DAYS** | **DURATIONS** | **REMARKS** |
|  | Understanding and Analyzing requirements | 2 | 6th Jan to 7th Jan |  |
|  | Review meeting | 1 | 8th Jan |  |
|  | Generating Test scenarios | 2 | 9th Jan to 10th Jan |  |
|  | Reviews | 2 | 11th Jan to 12th Jan |  |
|  | Test case Documentation | 1 | 13th Jan |  |
|  | Reviews | 1 | 14th Jan |  |
|  | Test data collection | 1 | 15th Jan |  |
|  | Reviews | 1 | 15th Jan |  |
|  | Verifying Test Environment Setup | 1 | 16th Jan |  |
|  | Create Test Batches | 1 | 17th Jan |  |
|  | Sanity Testing | 1 | 17th Jan |  |
|  | Comprehensive testing | 1 | 18th Jan |  |
|  | Sanity Testing | 1 | 18th Jan |  |
|  | Selecting Test Cases | 1 | 18th Jan |  |
|  | Regression Testing | 2 | 19th Jan to 20th Jan |  |
|  | Sanity Testing | 1 | 21st Jan |  |
|  | Selecting Test Cases | 1 | 22nd Jan |  |
|  | Regression Testing cycle -2 | 2 | 23rd Jan to 24th Jan |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  | Final Regression | 2 | 25th Jan to 26th Jan |  |
|  | Evaluating Exit Criteria | 2 | 27th Jan to 28th Jan |  |
|  | Collecting all artifacts | 3 | 29thJan to 31st Jan |  |
|  | Test Summary Report | 1 | 1st Feb |  |

**Note:** Regression Testing depends on Application and strength of Development team

1. **Training:**
2. Training program on Amazon Website
3. Test Automation Training Using Katalon Tools
4. **Risks and Mitigations:** NA.
5. **Test Environment/ Lab:**
6. **Application Type:** Web Application, Internet and Public
7. **Server Side:**
8. Windows 10/11
9. Support all frontend frameworks
10. Trio Office
11. Browser IE 7.0.
12. **Client side:**
13. Windows 11
14. CPU
15. RAM
16. Trio Office Writer, Trio Office Calc
17. Katalon Studio
18. **AUT Environment:**
19. Java
20. Katalon Studio Version 9.3.0
21. Chrome
22. **Test Deliverables:**
23. Test Plan
24. Review reports
25. RTM
26. Test Scenario docs
27. Test Case Docs
28. Test data
29. Opened, closed defect report
30. Test summary report
31. **Approvals:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **TASKS** | **AUTHOR/ RULE** | **DATE & SIGNATURE** |
|  | Test plan documentation | Katalon studio |  |
|  | Review | Smart Bridge Team |  |
|  | Approval | Katalon Studio And Smart Bridge Team |  |

1. **Glossary:**
2. AUT- Application Under Test
3. PIN- Project Initiation Note
4. SRS- Software Requirements Specifications.