**TEST PLAN DOCUMENT FOR AMAZON WEBSITE APPLICATION:**

1. **Test Plan ID:** AWA\_ST\_TP\_001
2. **Introduction:**

* Project report on the e-commerce service testing performed by Amazon.
* Tests make ensuring websites are functioning, meet specifications, and improve user experience.
* The objectives, scope, methodology, test environment, and activities carried out of the testing are covered in the report.
* The results study of Amazon's e-commerce platform includes both areas of success and places for improvement.
* In summary, recommendations seek to improve overall performance in light of test results.

1. **Test Items:**

* Registration
* Sign in interface
* Search item
* Add to cart
* Orders

1. **References:**

* Requirements
* Project Plan
* Test Strategy
* Use cases (if available)
* High-level Design Documents
* Low-Level Design Documents
* Process Guideline document

1. **Features to Be Tested:**

* Registration

1. Your Name
2. Mobile Number
3. Password
4. Verify the Mobile Number button

* Sign in Interface

1. Email or mobile phone number
2. Continue button
3. Password
4. Sign-in button

* Search item

1. Category
2. Search Bar
3. Magnifier button

* Add to cart

1. Add to cart button
2. Go to cart button
3. Quantity drop down
4. Gift Pack Check box
5. Delete

* Orders

1. Order Confirmed
2. **Features Not to Be Tested:** NA
3. **Approach:** BVA, Equivalence Partition, Regression Testing, Random Testing
4. **Entry Criteria:**

* Test Design:
* Team formation, Responsibilities, Schedule, Requirements, test case template
* Training on the domain, automation tools
* Test Execution
* Readiness of Test tab
* Readiness of AUT
* Requirements
* Test case Documents
* Test Data
* Defect Report Template
* Etc….

1. **Exit Criteria:**

* All possible test cases executed
* Maximum defect fixed, final regression performed successfully
* Confidence in the test process
* Time limitations
* Budget limitations

1. **Suspension Criteria:** Nil
2. **Test Environment:**

* **AUT Environment:**

Support all front-end frameworks: ReactJS, AngularJS, VueJS

Cross-browser compatibility: Chrome, Firefox, Safari, Edge

* **Server side Environment**

Version 120.0.6099.225 (Official Build) (64-bit)

1. **Test Deliverables:**

* Test Plan
* Test Cases
* Test Log
* Test Summary Reports

1. **Responsibilities:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **Name** | **Role** | **Responsibilities** | **Remarks** |
| 1 | A Manaswini | Test Lead | Test planning, guidance, Monitoring, and test control |  |
| 2 | A Manaswini | Tester | Test data collection, Generating test scenarios |  |
| 3 | A Manaswini | Tester | Test case documentation, test execution, defect reporting, and tracking for the admin module |  |
| 4 | A Manaswini | Tester | Test case documentation, test execution, defect reporting and tracking for Personal banking module |  |
| 5 | A Manaswini | Test Environment Manager | Plan and manage the testing environments, ensuring they are properly configured, available, and aligned with testing needs. |  |
| 6 | A Manaswini | Test Data Manager | Manage and control test data, ensuring that test environments have the necessary and appropriate data for testing scenarios without violating privacy or security policies. |  |

1. **Schedule:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **TASK** | **DAYS** | **DURATION** | **REMARKS** |
| 1 | Understanding and Analyzing requirements | 1 | 12th January |  |
| 2 | Reviews | 1 | 13th January |  |
| 3 | Generating Test scenarios | 1 1/2 | 13-14th January |  |
| 4 | Reviews | 1/2 | 14th January |  |
| 5 | Test case Documentation | 1 | 15th January |  |
| 6 | Reviews | 1/2 | 16th January |  |
| 7 | Verifying Test Environment Setup | 1 1/2 | 16-17th January |  |
| 8 | Create Test Batches | 2 | 17-20th January |  |
| 9 | Sanity Testing | 1 | 21st January |  |
| 10 | Comprehensive testing | 1 | 22nd January |  |
| 11 | Selecting Test Cases | 1 | 22nd January |  |
| 12 | Regressing Testing | 1 | 23rd January |  |
| 13 | Selecting Test Cases | 1 | 23rd January |  |
| 14 | Regression Testing Cycle -2 | 1 | 24th January |  |
| 15 | Final Regression | 1 | 25th January |  |
| 16 | Evaluating Exit Criteria | 1 | 26th January |  |
| 17 | Collecting all artifacts | 1 | 27th January |  |
| 18 | Test Summary Report | 1 | 28th January |  |

1. **Training:**

* Training program on E-Commerce Domain
* Test Automation Training Using Katalon Tool

1. **Risks and Mitigations:** Nil
2. **Approvals:**

|  |  |  |  |
| --- | --- | --- | --- |
| **SNO** | **TASKS** | **AUTHOR/ RULE** | **DATE & SIGNATURE** |
| 1 | Test plan documentation | Mamatha |  |
| 2 | Review | Smart Interz Team |  |
| 3 | Approval | Smart Bridge Team |  |

1. **Glossary:**

* **BVA - Boundary Value Analysis**