**TEST PLAN :**

1. **Test Plan Id: Amazon\_TP\_001**
2. **Introduction:**

* It is system Test Plan for ecommerce website, internet web application, provides access to users from anywhere in the world.
* The purpose of the Application is that the user is able to searching a product and order as per their wish list.
* User can order the product from anywhere, without visiting to the shops.

1. **Test Items:**

* Login
* Search Category

1. **References:**

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

1. **Features to be tested:**
   1. Login Module:
      * 1. Enter Username
        2. Enter Password
        3. Click Login button
        4. Forgot password

b) Product search category:

1. Select Category of product
2. Enter relevant category product
3. Click magnifier button

4. Validate the product search results

**6. Features not to be tested:** NA

**7. Entry Criteria:**

a) Test Design:

* + Team formation, Responsibilities, schedule, requirements, test case template
  + Training on domain, on automation tools

b) Test Execution

* Readiness of test tab
* Readiness of AUT
* Requirements
* Test case Documents
* Test data
* Defect Report Template

**8) Exit Criteria:**

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

**9) Suspension criteria:**

* Show –stopper bug found
* Supplier issues
* Vast changes in requirements
* If resolving defects are more

**10) Roles and Responsibilities:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **NAME** | **ROLE** | **RESPONSIBILITIES** | **REMARKS** |
| 1 | Karthikeyan K | Test Lead | Test planning, guidance, Monitoring and test control |  |
| 2 | Sr. Tester | Test data collection, Generating test scenarios |  |
| 3 | Tester | Test case documentation, test execution, defect reporting and tracking for login module |  |
| 4 | Tester | Test case documentation, test execution, defect reporting and tracking for Search category module |  |

**11) Schedule:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **TASK** | **DAYS** | **DURATION** | **REMARKS** |
| 1 | Understanding and Analyzing requirements | 2 | 9th & 10thjan |  |
| 2 | Generating Test scenarios | 2 | 11th & 12th Jan |  |
| 3 | Test case Documentation | 2 | 13th & 14th Jan |  |
| 4 | Test data collection | 2 | 15th & 16th Jan |  |
| 5 | VerifyingTestEnvironment Setup | 1 | 17th Jan |  |
| 6 | Create Test Batches | 2 | 18th & 19th Jan |  |
| 7 | Sanity Testing | 1 | 20th Jan |  |
| 8 | Selecting Test Cases | 1 | 21th Jan |  |
| 9 | Regressing Testing | 1 | 22th Jan |  |
| 10 | Sanity Testing | 1 | 23th Jan |  |
| 11 | Selecting Test Cases | 1 | 24th Jan |  |
| 12 | Regression Testing cycle -2 | 1 | 25th Jan |  |
| 13 | Final Regression | 2 | 26th & 27th Jan |  |
| 14 | Evaluating Exit Criteria | 1 | 28th Jan |  |
| 15 | Collecting all artifacts | 2 | 29th ,30th Jan |  |
| 16 | Test Summary Report | 1 | 31st Jan |  |

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

**12)Training:**

* Training program on ecommerce Domain
* Test Automation Training Using Katalon studio Tool

**13) Risks and Mitigations : NA**

**14) Test Environment/ Lab:**

Application Type: Web Application, Internet and public

*Client side:*

* Windows 10
* Katalon Studio v9
* Ms-Office
* GitHub
* Jenkins

**15) Test Deliverables:**

* Test Plan
* Review reports
* RTM
* Test Scenario docs
* Test Case Docs
* Test data
* Opened, closed defect report
* Test summary report

**16) Approvals:**

|  |  |  |  |
| --- | --- | --- | --- |
| **SNO** | **TASK/S** | **AUTHOR/ RULE** | **DATE & SIGNATURE** |
| 1 | Test plan documentation | (Test Lead) |  |
| 2 | Review | (Quality analyst) |  |
| 3 | Approval | (Project Manager) |  |