A Test Plan Document for Amazon Automation testing using Katalon Application:

1. **Test Plan Id: TC\_Amazon\_Automation**
2. **Introduction:**

* It is system Test Plan for Amazon Application Automation testing, internet web application, provides access to account holders and guest users from anywhere in the world to shop and buy products online.

1. **Test Items:**

* Login
* Home page
* Product search
* Product details
* Cart page
* Payment, checkout page
* My orders page
* Customer service page

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:**
2. **Login page**

Whether successful login is possible or not by user.

1. **Product Search**

The product typed in search bar is matching or not.

1. **Footer hyperlinks**

The mentioned names of the countries are correctly opening as hyperlinks.

1. **My order page**

When selecting order page, it displays the orders placed by the users.

1. **Cart page**

Whether products added to cart are displayed or not.

1. **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

Etc….

**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 Resposibilities:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **NAME** | **ROLE** | **RESPONSIBILITIES** | **REMARKS** |
| 1 | Dikcha Singh | Test Lead | Test planning, guidance, Monitoring, test control, Test case creation and completing checks. | Completed |

**11) Schedule:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **TASK** | **DAYS** | **DURATION** | **REMARKS** |
| 1 | Understanding and Analyzing requirements | 5 | 2nd December to 6th December |  |
| 2 | Review meeting | 1 | 9th December |  |
| 3 | Generating Test scenarios | 10 | 11th December to 22nd December |  |
| 4 | Reviews | 02 | 25thDecember to 26thDecember |  |
| 5 | Test case Documentation | 40 | 29thDecember to 12th January |  |
| 6 | Reviews | 04 | 14th January to 18th January |  |
| 7 | Test data collection | 6 | 20th January to 26th January |  |
| 8 | Reviews | 1 | 28th January |  |
| 9 | Verifying Test Environment Setup | 1 | 29th January |  |
| 10 | Create Test Batches | 02 | 30th 31st January |  |
| 11 | Sanity Testing | 1 | 3rd January |  |
| 12 | Comprehensive testing | 25 | 4th January to 2nd February |  |
| 13 | Sanity Testing | 1 | 3rd February |  |
| 14 | Selecting Test Cases | 2 | 4th and 5th February |  |
| 15 | Regressing Testing | 05 | 8th February to 12th February |  |
| 16 | Sanity Testing | 1 | 15th February |  |
| 17 | Selecting Test Cases | 1 | 16th February |  |
| 31 | Test Summary Report | 1 | 17 February |  |

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

**12)Training:**

* Training program on ecommerce Domain
* Test Automation Training Using HP UFT Tool

**13) Risks and Miligations**

* Team member’s issues
* Vendors issues
* Time
* Budget

**14) Test Environment/ Lab:**

Application Type: Web Application, Internet and public

*Server Side:*

* Windows 2003 server
* UNIX server
* MS Exchange server a) webserver b) EDP c) Data storage
* Bugzilla tool
* VSS
* MS Office
* HP UFT Tool etc
* Browser IE 7.0

*Client side:*

* Windows xp+sp2
* VSS
* Ms-Office
* HP UFT

*AUT Environment:*

* .NET(c#,VC++,ADO)
* IIS- web server
* COM+ - APP server
* SQL server 2005 for database server

**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 | Dikcha Singh (Test Lead) | 20/02/2024 |

**17) Glossary**

AUT- Application Under Test

PIN- Project initiation note

SRS- Software Requirement Specification