**TEST PLAN IEEE FORMAT:**

1. **Test Plan ID:** Amazon page testing testing
2. **Introduction:** A Implementing page testing for an Amazon webpage using Katalon involves leveraging the powerful features of Katalon Studio, an integrated testing tool. Katalon facilitates the creation of robust test scripts through its user-friendly interface and supports various testing types, including web, mobile, and API testing. To initiate testing for an Amazon page, one would typically start by defining test scenarios, recording test steps, and utilizing Katalon's scripting capabilities for customization. The tool's rich set of built-in keywords simplifies the creation of test cases, allowing for efficient validation of critical functionalities such as product searches, checkout processes, and user account interactions. Katalon's ability to support data-driven testing and integration with popular testing frameworks makes it a suitable choice for thoroughly testing Amazon webpages, ensuring a seamless and reliable user experience.

Certainly, let's provide a comprehensive overview for Amazon page testing using Katalon based on the mentioned points:

3. Test Items:

- Modules/Functions/Services/Features for Amazon page testing include Search functionality, Product Listings, Cart Management, User Account interactions, and Checkout processes.

4. Features to Be Tested:

- Responsible modules for test design include Navigation, Product Display, Cart Functionality, User Account Management, and Payment Processing.

5. Features Not to Be Tested:

- Features of the previous version of the software or non-critical elements not immediately relevant to the current release may not be tested.

6. Approach:

- Testing techniques for Amazon page testing using Katalon include functional testing for search, end-to-end testing for the checkout process, and performance testing for response times.

7. Features Pass/Fail Criteria:

- Features pass when transactions are completed successfully, product information is accurate, and user account interactions function seamlessly. Features fail when there are transaction errors, inaccurate product details, or disruptions in user interactions.

8. Suspension Criteria:

- Testing may be suspended if there are technical problems, such as network connectivity issues or unresolved compatibility problems with Katalon Studio.

9. Test Environment: - The required hardware and software for Amazon page testing using Katalon include desktop/laptop systems, various browsers, Katalon Studio, and a stable internet connection.

10. Test Deliverables:

- Test documents for Amazon page testing using Katalon include Test Cases outlining scenarios, Test Procedures for execution, Test Log for recording results, and a comprehensive Test Report summarizing the overall testing process.

11.Test Tasks:

- Tasks before starting Amazon page testing using Katalon involve preparing test data, ensuring browser compatibility, and setting up the testing environment.

12. Staff and Training Needs:

- Test engineers involved in Amazon page testing using Katalon include [List of Test Engineer Names]. Training sessions may be required for proficiency with Katalon Studio.

13. Responsibilities:

- Work allocation involves assigning specific test engineers to modules, with each responsible for different aspects of Amazon page testing.

14. Schedule:

- The testing schedule outlines dates and times for different phases, ensuring a structured and timely approach to Amazon page testing using Katalon.

15. Risks and Mitigations:

- Risks, such as potential data security concerns or browser compatibility issues, are analyzed, and mitigations, such as enhanced security protocols or compatibility testing, are proposed.

16. Approvals:

- Signatures of the Test Plan Author and PM/QA confirm their approval and acknowledgment of the outlined plan for Amazon page testing using Katalon.

A Sample Test Plan Document for Internet Banking Application:

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

* It is system Test Plan for internet Banking System, internet web application, provides access to account holders and guest users from any where in the world.
* It has two interfaces one is Admin interface another is user interface.
* Admin can be accesses by Bank authorized users, user interface can be accessed by Bank account holders and guest users.
* The purpose of the system(Application) is to provide bank information and services online (through internet), Bank account holders can get banking services from anywhere, without visiting the bank branches.

1. **Test Items:**

* Admin Interface:
* Master Data
* User Interface
* Information
* Personal Banking
* Corporate Banking
* Business

1. **References:**

* Requirments
* 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. Admin Interface:
      1. Master Data
         1. Add new branch, edit branch/Delete branch
         2. Add new ATM
         3. Add new loan type
         4. Add new account type
         5. Add new deposit type
      2. User Management
         1. Create New user
         2. Edit user
         3. Delete user

Etc…

* + 1. Reports
       1. Branch wise report
       2. User wise report
       3. Day, month,yearly reports
       4. Service wise report(only loans, only new account, fixed deposits)

b) User Interface:

I)Information

1. Branch locators
2. ATM locators

3. Loans information

* + - 1. Bank history
      2. Bank Financial details
      3. Fixed deposits information
      4. Calculators

Etc….

II)Personal Banking

Login

Balance enquiry

Bill payment (utilities, subscriptions0

Fund transfer (transfer to same bank, other banks)

Statement generation (mini statement, detailed report)

Etc….

* + 1. Corporate Banking
       1. Add user, edit user, delete user
       2. Balance enquiry
       3. Money transfer
       4. Payroll
       5. Reports

Etc…

**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

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 | Ravi | Test Lead | Test planning, guidance, Monitoring and test control |  |
| 2 | Ravi | Sr. Tester | Test data collection, Generating test scenarios |  |
| 3 | Ravi | Tester | Test case documentation, testexecution, defect reporting and tracking for admin module |  |
| 4 | Ravi | Tester | Test case documentation, testexecution, defect reporting and tracking for Personal banking module |  |
| 5 | Ravi | Tester | Test case documentation, testexecution, defect reporting and tracking for Corporate banking module |  |

**11) Schedule:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **TASK** | **DAYS** | **DURATION** | **REMARKS** |
| 1 | Understanding and Analyzing requirements | 5 | 2ndjan to 6thjan |  |
| 2 | Review meeting | 1 | 9thjan |  |
| 3 | Generating Test scenarios | 10 | 11thjan to 22ndjan |  |
| 4 | Reviews | 02 | 25thjan to 26thjan |  |
| 5 | Test case Documentation | 6 | 29thjan to 5th feb |  |
| 6 | Reviews | 04 | 6th feb to 8th feb |  |
| 7 | Test data collection | 2 | 8th feb to 9th feb |  |
| 8 | Reviews | 1 | 10th feb |  |
| 9 | Verifying Test Environment Setup | 1 | 11th feb |  |
| 10 | Create Test Batches | 02 | 12th 13st feb |  |
|  | . |  |  |  |
| . | . |  |  |  |
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Note: Regression Testing depends on Application and strength of Development team.

**12)Training:**

* Training program on Banking 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 | Ravi (Test Lead) |  |
| 2 | Review | Hari Prasad (Quality analyst) |  |
| 3 | Approval | Vinod Rao (Project Manager) |  |

**17) Glossary**

AUT- Application Under Test

PIN- Project initiation note

SRS- Software Requirement Specification