

TEST PLAN

I. Test Plan Id : AMAZON_TP_ID_001

II. Introduction :

Amazon is an American multinational technology company focusing on e-commerce website for searching a product and order as per end user wish list.

Project Flow :

- A. User interact with the UI to enter into the website
- B. Enter your Login credentials then Login inputs are analyzed and verified as per the baseline document
- C. Once the login credentials are validated, the user will enter the amazon home page and the end user can select an item from the category and input a search item and click on the magnifier button

III. Test Items :

- A. Amazon Home Page
- B. Amazon Login Page
- C. Amazon Order Page
- D. Amazon Search Page
- E. Amazon Payment Page

IV. Features to be tested :

A. Amazon Home Page

- 1. Landing Page
- 2. Amazon Logo Placement
- 3. Country / Language Option
- 4. Footer Links

B. Amazon Login Page

- 1. New User Registration
 - a) Username field
 - b) Mobile Number
 - c) Email Id
 - d) Password
 - e) Captcha (optional)
 - f) Email / Mobile number verification
- 2. Sign In Option
 - a) Registered Mobile number / Email
 - b) Valid Password

- c) Captcha (Optional)

C. Amazon Product Page

1. Search Bar
 - a) Choose Product Category
 - b) Enter Product name in search bar
 - c) Magnifier button
2. Wishlist Option
 - a) Choose Product
 - b) Choose Product's size / quantity / color
 - c) Select 'Add to wishlist '

D. Amazon Order Page

1. Product Order Option
 - a) Select Product
 - b) Product size
 - c) Product Quantity
 - d) Product Brand / Color
 - e) Select 'Add to cart'
 - f) Select 'Order'

E. Amazon Payment Page

1. Payment Option
 - a) Enter Valid Address
 - b) Payment Option (either Card / UPI)
 - c) Confirm Payment

V. Features not to be tested : NA

VI. Approach / Entry Criteria :

A. Test Design

1. Team formation, Responsibilities, Schedule, Requirements, Test Plan, Test case template
2. Training on domain, on automation tools

B. Test Execution

1. Readiness of Test tab
2. Readiness of AUT
3. Requirements
4. Test case development
5. Test data
6. Defect Report Template

VII. Features Pass / Fail Criteria :

- A. Time limitations
- B. Budget limitations

VIII. Suspension Criteria :

- A. Show - stopper bug found
- B. Supplier issues
- C. Vast changes in requirements
- D. Resolving defects are high

IX. Test Environment :

Application Type : Web Application, Internet and public
Server Side :

- Window 2003 server
- UNIX server
- MS Exchange server
 - Webserver
 - EDP
 - Data storage
- Bugzilla tool
- VSS
- MS Office
- HP UFT Tool etc
- Browser IE 7.0

Client Side :

- Windows 10, 12
- VSS
- Ms-Office
- HP UFT

AUT Environment :

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

X. Test Deliverables :

- A. Test Plan
- B. Review Reports
- C. RTM

- D. Test Scenario
- E. Test Case
- F. Test Data
- G. Opened , closed defect report
- H. Test Summary Report

XI. Responsibilities :

| S.No | NAME | ROLE | RESPONSIBILITIES |
|------|--------------------|-------------------|--|
| 1 | Roopa Dharshini | Tester, Test Lead | Test planning, Monitoring, Test control, Test case documentation, Test case execution, Defect reporting, Generating test scenarios, Test data collection |

XII. Schedule :

| S.No | TASK | DAYS | DURATION |
|------|--|------|----------------------|
| 1. | Understanding and analyzing the requirements | 2 | 12th Jan to 13th Jan |
| 2 | Generating Test Scenarios | 1 | 14th Jan |
| 3 | Test Case Documentation | 3 | 15th jan to 17th Jan |
| 4 | Test Data Collection | 2 | 18th Jan to 19th jan |
| 5 | Verifying Test Environment Setup | 1 | 20th Jan |
| 6 | Create Test Scripts | 2 | 21st Jan to 22nd Jan |

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|----|----------------------------------|---|----------------------|
| 7 | Test Case Execution | 1 | 23rd Jan |
| 8 | Data Driven Testing | 3 | 24th Jan to 26th Jan |
| 9 | Test Suite Creation | 2 | 27th Jan to 28th Jan |
| 10 | Test Listener Creation | 2 | 29th Jan to 30th Jan |
| 11 | Git Integration | 1 | 31st Jan |
| 12 | Jenkins Integration | 1 | 1st Feb |
| 13 | TestOps | 1 | 2nd Feb |
| 14 | Cross Browser Testing | 1 | 3rd Feb |
| 15 | Test Report and Summary Creation | 2 | 4th Feb to 5th Feb |

XIII. Risks and Mitigations :

- A. Vendor's issues
- B. Time
- C. Budget

XIV. Approvals :

| S.No | TASKS | AUTHOR / ROLE |
|------|---|--|
| 1 | Test Plan Documentation, Review, Approval | Roopa Dharshini (Tester, Test Lead, Quality Analyst) |