

Test Plan Documentation for E-Commerce (Online Shopping Website) – Amazon.in

1. Test Plan Id: SMI_KT_AMZ_01

2. Introduction:

- ✓ It is a system test plan for amazon.in website, an e-commerce web application, that provides online shopping services to customers and sellers from anywhere in the world.
- ✓ It has two interfaces: one is customer interface and another is seller interface.
- ✓ Customer interface can be accessed by anyone who wants to browse, search, or buy products from the website. Seller interface can be accessed by registered sellers who want to sell their products on the website.
- ✓ The purpose of the system (application) is to provide a convenient and secure online shopping platform for customers and sellers, where they can find, compare, and purchase a variety of products from different categories and brands.

3. Test Items:

- ✓ Login Interface
- ✓ Homepage
- ✓ Product Lists
- ✓ Product Information
- ✓ Item Cart
- ✓ User Interaction
- ✓ Customer Service
- ✓ Customer Details

4. References:

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

5. Features to be tested:

- a) Login Interface:
 - I) Sign – in
 - II) New Account Creation
- b) Homepage
 - I) Language Change
 - II) Location Change
- c) Product Page
 - I) Filtering of items
 - II) Sorting of items
- d) Item Cart
 - I) Add to Cart details
- e) User Interaction
 - I) Product Search and information
- f) Customer Service
 - I) Customer Support page interaction

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:

NIL

10) Roles and Responsibilities:

S.NO	NAME	ROLE	RESPONSIBILITIES	REMARKS
1	Md Nizamuddin	Test Lead	Test Planning, Guidance, Monitoring and Test Control	
2	Md Nizamuddin	-	Test Data Collection, Generating Test Scenarios	
3	Md Nizamuddin	-	Test Case Documentation, Test Execution, Defect Reporting and Tracking for Admin Module	
4	Md Nizamuddin	-	Test Case Documentation, Test Execution, Defect Reporting and Tracking for Personal Banking Module	
5	Md Nizamuddin	-	Test Case Documentation, Test Execution, Defect Reporting and Tracking for Corporate Banking Module	

11) Schedule:

SNO	TASK	DAYS	DURATION	REMARKS
1	Understanding and Analyzing requirements	1	8 th January	
2	Review meeting	1	9 th January	
3	Generating Test scenarios	1	10 th January	
4	Reviews	1	11 th January	
5	Test case Documentation	1	12 th January	
6	Reviews	1	13 th January	
7	Test data collection	1	14 th January	
8	Reviews	1	15 th January	
9	Verifying Test Environment Setup	1	16 th January	
10	Create Test Batches	1	17 th January	
11	Sanity Testing	1	18 th January	
12	Comprehensive testing	1	19 th January	
13	Sanity Testing	1	20 th January	
14	Selecting Test Cases	1	21 st January	
15	Regressing Testing	1	22 nd January	
16	Sanity Testing	1	23 rd January	
17	Selecting Test Cases	1	24 th January	
18	Regression Testing cycle -2	1	25 th January	
19	Final Regression	1	26 th January	
20	Evaluating Exit Criteria	1	27 th January	
21	Collecting all artifacts	1	28 th January	
22	Test Summary Report	1	29 th January	

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

12)Training:

- Training program on Online Shopping Domain (Amazon.in)
- Test Automation Training Using Katalon Studio Tool

13) Risks and Mitigations

NIL

14) Test Environment/ Lab:

Application Type: Web Application, Internet And Public

Server Side:

- LINUX Server
- Apache Web Server
- Katalon Studio
- Browser -> Chrome Version 120.0.6099.227 (Official Build) (64-Bit)

Client Side:

- Windows 11
- Katalon Studio
- MS-Office
- Selenium WebDriver

AUT Environment:

- Java
- Spring Boot
- Mysql Database Server
- Restful API

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	Md Nizamuddin	
2	Review	-	
3	Approval	-	

17) Glossary

AUT- Application Under Test

SRS- Software Requirement Specification

PIN- Project Initiation Note