

TEST PLAN IEEE FORMAT:

1. **Test Plan ID:** Unique No. or Id or Name of the test plan
2. **Introduction:** About the Project and testing
3. **Test Items:** Names of Modules/ Functions/ Services/ Features
4. **Features to Be Tested:** Responsible Modules for the Test Design
5. **Features Not to Be Tested:** Which ones to test and which ones not to test (e.g. Features of previous version of the Software)
6. **Approach:** List of testing techniques to be applied on the modules (prepared by QA/PM)
7. **Features Pass/Fail Criteria:** When above features are pass and when they fail
8. **Suspension Criteria:** Possible abnormal situations arose during testing of above features. Without recovering from these situations, you are not able to conduct testing. (Technical problems with respect to project)
9. **Test Environment:** Required hardware and software including testing tools to conduct testing
10. **Test Deliverables:** Required test documents to be prepared during testing (Test Cases, Test Procedures, Test Log, Test Report)
11. **Test Tasks:** necessary tasks to do before starting of every project testing
12. **Staff and Training Needs:** The names of test engineers and required training sessions
13. **Responsibilities:** Work allocation in terms of test engineers Vs Modules
14. **Schedule:** Dates and Times
15. **Risks and Mitigations:** Analyze risks and possible solution to overcome them
16. **Approvals:** Signatures of Test Plan Author and PM/QA

Test Plan Document for Amazon E-Commerce Website:

1. **Test Plan Id:** TP_Amazon_Home_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.
 - ✓ The purpose of this test plan is to outline the testing strategy and approach for the Amazon e-commerce website to ensure that it meets the specified requirements, functions correctly, and provides a positive user experience.
3. **Test Items:**

- ✓ User registration
- ✓ Login and logout
- ✓ Profile management
- ✓ Password recovery
- ✓ Search functionality
- ✓ Category navigation
- ✓ Product sorting and filtering
- ✓ Adding/removing items from the cart
- ✓ Cart validation
- ✓ Checkout process
- ✓ Payment methods (credit card, PayPal)
- ✓ Order confirmation
- ✓ Order history

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:

1. Account Management
 - User registration
 - Login and logout
 - Profile management
 - Password recovery
2. Product Search and Navigation
 - Search functionality
 - Category navigation
 - Product sorting and filtering
3. Shopping Cart and Checkout
 - Adding/removing items from the cart
 - Cart validation
 - Checkout process
4. Payment and Order Processing
 - Payment methods (credit card, PayPal)

- Order confirmation
- Order history

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 Responsibilities:

S.NO	NAME	ROLE	RESPONSIBILITIES	REMARKS
1	Chetan Badiye	Test Lead	Test planning, guidance, Monitoring and test control	
2	Chetan Badiye	Sr. Tester	Test data collection, Generating test scenarios	
3	Chetan Badiye	Tester	Test case documentation, testexecution, defect reporting and tracking for admin module	
4	Chetan Badiye	Tester	Test case documentation, testexecution, defect reporting and tracking for Personal banking module	

5	Chetan Badiye	Tester	Test case documentation, testexecution, defect reporting and tracking for Corporate banking module	
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11) Schedule:

SNO	TASK	DAYS	DURATION	REMARKS
1	Understanding and Analyzing requirements	1	5 th January 2024	
2	Review meeting	1	6 th January 2024	
3	Generating Test scenarios	1	7 th January 2024	
4	Reviews	1	8 th January 2024	
5	Test case Documentation	1	9 th January 2024	
6	Reviews	1	10 th January 2024	
7	Test data collection	1	11 th January 2024	
8	Reviews	1	12 th January 2024	
9	Verifying Test Environment Setup	1	13 th January 2024	
10	Create Test Batches	1	14 th January 2024	
11	Sanity Testing	1	15 th January 2024	
12	Comprehensive testing	1	16 th January 2024	
13	Sanity Testing	1	17 th January 2024	
14	Selecting Test Cases	1	18 th January 2024	
15	Regressing Testing	1	19 th January 2024	
16	Sanity Testing	1	20 th January 2024	
17	Selecting Test Cases	1	21 th January 2024	
18	Regression Testing cycle -2	1	22 th January 2024	
19	Final Regression	1	23 th January 2024	
20	Evaluating Exit Criteria	1	24 th January 2024	
21	Collecting all artifacts	1	25 th January 2024	
22	Test Summary Report	1	26 th January 2024	

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

12) Training:

- Training program on Google browser
- Test Automation Training Using Katalon Platform

13) Risks and Miligations

- Team member's issues
- Vendors issues

- Time
- Budget

14) Test Environment/ Lab:

Application Type: Web Application, Internet and public

Hardware:

- Acer Nitro 5
- I5 11th gen
- WiFi 6

Hardware:

- Windows 10
- Google browser

AUT Environment:

- Katalon Platform

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	Chetan Badiye (Test Lead)	
2	Review	(Project Mentor)	
3	Approval	(Project Mentor)	

17) Glossary

AUT- Application Under Test

PIN- Project initiation note

SRS- Software Requirement Specification