



TEST PLAN DOCUMENT

1: Team Introduction

Role	Name
Project Manager	Qasim Abbas
IT Developer	Ali Raza Hassan Farooq M. Abdullah
IT QA Analyst	Rehan Amir Fatima Ali Ayesha Umer
UX/UI Designer	Muqaddas Noor

Ver 1.1

2: Document Log:

	Name	Designation	Version Number	Date
Created by	Rehan	Quality Analyst	Ver. 1.0	14-01-25
Reviewed by	Abdul Wahab	Business Head	Ver. 1.0	15-01-25
Updated by	Rehan	Quality Analyst	Ver. 1.1	16-01-25

3: Introduction:

Amazon's e-commerce website is one of the largest online platforms enabling customers to purchase a wide range of products and services. This test plan for amazon's e commerce website includes the strategy and process for testing Amazon's e-commerce platform to ensure a smooth shopping experience, its functionality, usability and reliability.

Features:

The Amazon e-commerce platform includes features such as

- User sign up
- product search
- user account management
- order placement,
- payment processing
- seller's services

4: Purpose of this document:

This document is to serve as the **Draft** for the **Amazon**. This document includes the overall scope of testing, approaches to be taken, testing schedule, as well as testing items for the whole testing process and the person responsible for the activity.

5: In Scope:

Below mentioned functionalities are included in our testing scope

Web Application (Front end and Admin)

- User Login or sign in
- Product Search
- Product Recommendations
- Shopping Cart Management
- Payment Integration
- Order Confirmation and Tracking
- Admin Panel for Order Management

6: QA Resources Allocated:

1. Rehan amir
2. Fatima Ali

QA Backup Resource

1. Ayesha Umer

7: Out of Scope:

Hardware setup e.g. servers, data centers

8: Testing Types:

- Functional Testing
- System Testing
- Regression Testing
- Load Testing
- Security Testing
- Usability Testing
- Compatibility Testing
- User Acceptance Testing
- Cosmetic Testing

9: System Test Entrance Criteria:

- All components of the code have been unit tested to ensure they work as expected.
- The test environment should be fully prepared and all the software that are required are already installed in the QA's system.
- Test accounts and necessary data for testing is available to the QA team.

10: Exit Criteria:

- All high-priority bugs have been fixed and successfully tested.
- If any medium or low-priority issues remain, the business representative must find the risk acceptable.

- Full project team is responsible for the quality of project before going to Production.
- Final Sign Off by Stack holders and Business IT personal.

11: Deployment Test Plan:

Deployment tests will be done on staging and production environments to ensure no issues arise and for extra security.

12: Deliverables:

Bug Status Summary

Bug reports updates will be provided weekly at the PM's discretion. If we follow agile process model than we have to provide updates on daily basis.

13: Testing Process:

- QA execute test case
- QA report bug
- QA assign bug to project manager and PM assign bug to developer
- Developer fixes the bug
- Developer assign bug to QA for verification
- QA closed the bug after verification
- If bug is not fixed, QA re-assign it to developer

14: Error Management & Configuration Management:

If in case of duplication of bugs, PM shall close the duplicated bugs to avoid re-work.

Errors will be classified based on priority levels:

Priority 1: Critical system or functionality failures.

Priority 2: Serious or missing data related errors that will not prevent implementation.

Priority 3: Minor issues not impacting core functionality of the system.

15: Issues, Risks and Assumptions:

Testing Needs

- Fully configured staging environment
- Devices for compatibility testing
- Access to databases and backend

Issues/Risks

- No additional changes or features will be included in the project until:
 - The Project Manager and Business head approve and agree.
 - The changes or additions in the project require minimal effort from the testing team.
- This is a significant concern because any major design changes would require extra time to re-plan testing and update or create new test cases and may result in delaying of the project.

Assumptions

- Sufficient time is allocated for thorough system testing.
- Project is of the required quality.
- Required resources and software are available.
- All documentation will be up to date and delivered to the system test team.