Test plan for amazon

**Objective: -**

An objective test plan for Amazon would focus on specific measurable goals and criteria for testing the platform.

**Scope: -**

* Sign in functionality
* Log in
* Home page
* Search functionality
* Add to cart
* Payment functionality
* Logout

**Test methodology: -**

Based on the type of application, we decide what type of testing needs to be done.

* Amazon web application
* Client server application
* Stand alone application

**Test approach: -**

Writing test cases and test scenarios.

**Roles and responsibility: -**

* Understand customer requirement
* Writing test scenarios and test cases
* Conduct brainstorming meeting for better test case coverage and test case reviewed
* Always do optimize testing
* Conduct smoke, functional, integration, system, ad hoc testing etc.
* Perform test case execution
* Log the defect into defect tracking tool
* Give knowledge transfer to other team members.

**Test environment: -**

A test environment is controlled by setup designed to assess the functionality, performance and reliability of software applications or systems.it replicates the conditions of the production environment as closely as possible, allowing developers and testers to conduct thoroughly testing without impacting real users or critical data.

Key Components of a test environment: -

* Hardware and software configuration
* Test data
* Testing tools and frameworks
* Network Configurations
* Security Measures
* Isolation from production
* Version control

**Entry-Exit criteria: -**

**Entry criteria: -**

* Coding should be done
* White box test should be done
* Application should be installed
* Smoke testing should be done
* Functional test scenarios and test cases should be ready
* Resources should be ready
* Integration should be done.

**Exit criteria: -**

* Based on no. of test cases executed, test case passed% should be 85%, test case failed %should be 15%.
* Based on number of defects found.
* There should not be any blocker defect and critical defects.

**Test automation: -**

Selenium 4 tool.