**By :-Team 3**

TEST PLAN

Masai School

Project name - Amazon Web Application

Table of Contents

**Objective ………………………………………………………………………….**

**Scope ………………………………………………………………………………..**

## **Inclusions**

**Test Approaches ……………………………………………………………….**

**Roles/Responsibilities ………………………………………………………..**

**Test Methodology ……………………………………………………………**

**Entry and Exit Criteria ……………………………………………………………**

**Tools . ……………………………………………………………………………………………………………..**

Objective:

As part of the project, ‘Amazon’ to test few functionalities of “https://www.amazon.in”web application.

This document serves as high level test planning document with details on the scope of the project, test strategy, test schedule and resource requirements, test deliverables and schedule.

Scope:

The scope of the project includes testing the following features of https://[www.amazon.in/](http://www.amazon.in/) web application.

## **Inclusions**

* Sign in
* Search
* Add to cart
* Payment
* Shipping charges
* Log out

Test Approach:

After communicated with Amazon weunderstood that we need to perform Functional Testing of all the functionalities mentioned in the above Scope section.

As part of Functional Testing, we will follow the below approach for Testing:

* We will apply several Test Designing techniques while creating Test Cases
  + Equivalence Class Partition
  + Boundary Value Analysis
  + State Transition Testing
  + Use Case Testing
* We also use our expertise in creating Test Cases by applying the below:
  + Error Guessing
  + Exploratory Testing
* We prioritize the Test Cases

Test Methodology**:**

Our Testing process, when we get an Application for Testing:

* Firstly, we will perform Smoke Testing to check whether the different and important functionalities of the application are working.
* We reject the build, if the Smoke Testing fails and will wait for the stable build before performing in depth testing of the application functionalities.
* Once we receive a stable build, which passes Smoke Testing, we perform in depth testing using the Test Cases created.
* We then report the bugs in the ‘JIRA’ bug tracking tool and send you the defect found on that day in a status end of the day email.
* As part of the Testing, we will perform the below types of Testing:
  + Smoke Testing and Sanity Testing
  + Regression Testing and Retesting
  + Usability Testing, UI Testing and Accessibility Testing
* We repeat Test Cycles until we get the quality product.

We will follow the below best practices to make our Testing better:

* Context Driven Testing – We will be performing Testing as per the context of the given application
* Exploratory Testing – Using our expertise we will perform Exploratory Testing, apart from the normal execution of the Test cases.
* End to End Testing – We will test the end-to-end scenario which involve multiple functionalities to simulate the end user flows.

Roles/Responsibilities:

|  |  |  |
| --- | --- | --- |
| Name | Roles | Responsibility |
| Manisha Rana | Test Lead | Create the Test Plan and get the client signoffs  Interact with the application, create and execute the test cases  Report defects  Coordinate the test execution. Verify validity of the defects being reported.  Submit daily issue updates and summary defect reports to the client.  Attend any meeting with client. |
| Hariom Kumar | Senior Test Engineer | Interact with the application  Create and Execute the Test cases.  Report defects |
| Ankita Bhoyar | Test Engineer | Interact with the application  Execute the Test cases.  Report defects |

Entry and Exit Criteria:

The below are the entry and exit criteria for every phase of Software Testing Life Cycle:

**Requirement Analysis**

Entry Criteria:

* Once the testing team receives the Requirements Documents or details about the Project

Exit Criteria:

* List of Requirements are explored and understood by the Testing team
* Doubts are cleared

**Test Planning**

Entry Criteria:

* Testable Requirements derived from the given Requirements Documents or Project details
* Doubts are cleared

Exit Criteria:

* Test Plan document (includes Test Strategy) is signed-off by the Client

**Test Designing**

Entry Criteria:

* Test Plan Document is signed-off by the Client

Exit Criteria:

* Test Scenarios and Test Cases Documents are signed-off by the Client

**Test Execution**

Entry Criteria:

* Test Scenarios and Test Cases Documents are signed-off by the Client
* Application is ready for Testing

Exit Criteria:

* Test Case Reports, Defect Reports are ready

**Test Closure**

Entry Criteria:

* Test Case Reports, Defect Reports are ready

Exit Criteria:

* Test Summary Reports

Tools:

The following are the list of Tools we will be using in this Project:

* Selenium
* ‘JIRA’ Bug Tracking Tool
* Xmind map Tool