TEST PLAN

Project Name – Amazon.com

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Overview

We will test the functionality of the Amazon online store's

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
- ✓ Resource requirements
- ✓ Test deliverables
- ✓ Schedule.

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Scope.

The scope of the project includes testing the following features of 'https://www.demoblaze.com/cart.html' web applications

Inclusions.

- ✓ User Registration
- ✓ Login
- ✓ Add to cart
- ✓ Place Order

From our understanding, we believe above functional areas need to be Tested.

Test Environments

- Windows 7, Windows 10, Windows 11 - Chrome, Firefox and Edge
- Mac OS - Safari Browser
- Android Mobile OS - Chrome
- iPhone Mobile OS – Safari

Exclusions

- All the features except that are mentioned under 'Inclusions'

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Test Strategy

we need to perform Functional Testing, Usability testing and Performance testing of all the functionalities mentioned in the above Scope section.

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

Creation of Test Scenarios and Test Cases for the different features in scope.

- ➢ We will apply several Test Designing techniques while creating Test Cases
    - ✓ Equivalence Class Partition
    - ✓ Boundary Value Analysis
    - ✓ Decision Table Testing
    - ✓ State Transition Testing
    - ✓ Use Case Testing\

- ➢ We also use our expertise in creating Test Cases by applying the below:
    - ✓ Error Guessing
    - ✓ Exploratory Testing
- ➢ We prioritise the Test Cases

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Roles and Responsibilities.

Name	Role	Responsibility
	Test Manager	✓ Escalations
	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	Test Engineer	✓ Understand customer requirement ✓ Write Test scenarios & Test cases ✓ Execute the Test cases. ✓ Report defects

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Test Schedule

Following is the test schedule planned for the project:

Task	Time Duration
● Creating Test Plan	June 19th, 2024
● Test case Creation	June 19th, 2024
● Test case Execution	June 20th, 2024
● Summary Report Submission	July 20th, 2024

Test Methodology.

The testing methodology includes:

Requirements Analysis: Review and analysis of functional and non-functional requirements.

Test Planning: Defining test objectives, scope, approach, and test scenarios.

Test Design: Creation of test cases, test scripts, and test data.

Test Execution: Running test cases, recording results, and reporting defects.

Test Reporting: Preparation of test reports, defect logs, and metrics analysis.

Test Closure: Review of test results, documentation, and lessons learned

Test Deliverables.

Test Deliverables

The following are to be delivered to the client:

Deliverables	Description	Responsible Owner	Target Completion Date
Test Plan	Details on the scope of the Project, test strategy, test schedule, resource requirements, test deliverables and schedule	MyIndiaa	July 21th, 2024
Functional Test Cases	Test Cases created for the scope defined	MyIndiaa	July 21th, 2024
Defect Reports	Detailed description of the defects identified along with screenshots and steps to reproduced daily basis.	MyIndiaa	July 21th, 2024
Summary Reports	Summary Reports – Bug by Bug#, Bugs by Functional Area and Bugs by Priority	MyIndiaa	July 21th, 2024

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 project details about the Project which serves as the foundation for the testing process, providing the testing team with insights into what needs to be tested and how the software should behave.

Exit Criteria:

- The testing team should thoroughly explore and understand each requirement listed in the documents or project details.
- Any doubts or uncertainties regarding the requirements should be addressed and clarified to ensure that the testing team has a clear understanding of what needs to be tested and how it should behave.

Test Planning

Entry Criteria:

- Testable Requirements derived from the given Requirements Documents or Project details
- Any doubts or uncertainties regarding the requirements should be addressed and clarified to ensure that the testing team has a clear understanding of what needs to be tested and how it should behave.

Exit Criteria:

- ✓ Test Plan document which includes the Test Strategy, which provides a high-level overview of how testing will be conducted. is signed-off by the Client (Flipkart)

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Entry and Exit Criteria

Test Designing

Entry Criteria:

- ✓ The Test Plan document needs to be reviewed and approved by the client and then Test Plan Document is signed-off by the Client

Exit Criteria:

- ✓ Test Scenarios and Test Cases Documents are prepared, they need to be reviewed and signed-off by the Client

Test Execution

Entry Criteria:

- ✓ Test Scenarios and Test Cases document needs to be reviewed and approved by the client and 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, it overviews of the entire testing process

Tools

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

- ✓ Jira Bug Tracking Tool
- ✓ XMind map Tool
- ✓ Word and Excel documents

Risks and Mitigations

- The following are the list of risks possible and the ways to mitigate them:

Risk	Mitigation
Non-Availability of a Resource	Backup Resource Planning
Build URL is not working	Resources will work on other tasks
Less time for Testing	Masai will ramp up the resources based on the Client needs dynamically

Approvals

Masai will send different types of documents for Client Approval like below:

- ✓ Test Plan
- ✓ Test Scenarios
- ✓ Test Cases
- ✓ Reports

Testing will only continue to the next steps once these approvals are done

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