TEST PLAN

Project Name: Qafox.com Web Application

(Checkout Functionality)

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Introduction

The aim of the document is to give an overview of the testing approach, strategies, and scope for the **Checkout functionality** of Tutorials Ninja Application. This document includes details like the scope of the project, objectives, test schedule and test deliverables, and reports.

AUT: https://tutorialsninja.com/demo/index.php?route=common/home

Objectives

- Validate the functionality and usability of the Checkout Functionality of the app.

Scope

This test plan covers only the functional and usability testing of the Checkout functionality of the Tutorials Ninja web application across different browsers.

Testing Features

➢ Checkout

Testing Approach

Testing Types

- Functional Testing
- Usability Testing

Testing Environment

- UAT
- Pre-Prod

Operating System

- Windows 11 and above
- Browsers: [Chrome, Microsoft Edge, Firefox]
- Testing Tools: [Jira, Cypress, Microsoft Teams]

Roles/Responsibilities

Name	Role	Responsibilities
Shiva Kumar	Test Manager	➤ Approve the overall test plan ➤ Monitor Project Progress
Prince Raj	Test Engineer	➤ Understand customer requirements ➤ Write Test scenarios & Test cases ➤ Executing functional and usability testing ➤ Defect tracking and reporting ➤ Creation of mind map
Annie Sneha	Test Engineer	➤ Understand customer requirements ➤ Write Test scenarios & Test cases ➤ Executing functional and usability testing ➤ Defect tracking and reporting ➤ Creation of mind map

Test Schedule

Following is the test schedule planned for the project

Task	Time Duration
Test Plan Creation	17 July 2024
Test Scenario Creation	17 July 2024
Test Case Creation	17 July-18 July 2024
Test Case Execution	18 July 2024
Summary Report Submission	21 July 2024

Test Deliverables

The following are to be delivered to the client:

Deliverables	Description	Responsible Owner	Target Completion Date
Test Plan	Outlines the testing approach and scope for the Checkout functionality of the Tutorials Ninja App	Masai	17 July 2024
Test Cases	Test Cases created for both functional testing and usability testing	Masai	18 July 2024
Defect Reports	Detailed description of the defects identified in the checkout module of the application	Masai	18 July 2024

Entry and Exit Criteria

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

Requirement Analysis

Entry Criteria:

Once the testing team receives the Requirements documents and uses documents of the project. Includes what functions need 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. 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:

The planning phase begins once the project plan is approved and detailed requirements are available.

Exit Criteria:

The phase concludes with the approval of the test plan document by the Client (TUTORIALS NINJA).

Test Designing

Entry Criteria:

The design phase starts after the test plan is approved. It requires detailed functional and non-functional requirements and access to design tools and environments.

Exit Criteria:

The phase ends when all Test Cases and Test Scenarios are reviewed and approved.

Test Execution Phase

Entry Criteria:

Execution starts when Test Cases and Test Scenarios are ready, and the test environment is set up. Test data must be prepared and validated, and the test team must be trained.

Exit Criteria:

Test Case Reports, and Defect Reports are ready.

Test Closure

Entry Criteria:

Test Case Reports, and Defect Reports are ready.

Exit Criteria: It concludes with preparing and reviewing the test summary reports.

Tools

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

• X mind map Tool

• Jira - Project management tool

• Microsoft Teams - collaboration

• Cypress - Web Automation

Risks and Mitigation Plans

The following is the list of risks possible and the ways to mitigate them

Risk	Mitigation plans
Lack of Automation Testers	Backup Resource Planning
No detailed Requirements are available	Subject matter experts available for a deep understanding of functionalities

Approvals

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

• Test Plan

 • Test Scenarios

• Reports

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