TEST PLAN

TUTORIALSNINJA.COM

Table of contents:

INTRODUCTION

This test plan outlines the approach to testing the gift certificates functionality on the Tutorialsninja.com demo website, ensuring it meets business requirements and functions correctly.

TEST OBJECTIVE

- ➢ Verify all functionalities of the gift certificates feature.
- ➢ Ensure user experience is smooth from purchase to redemption.
- ➢ Identify and resolve defects.

SCOPE

This test plan covers only functional testing and compatibility testing of the tutorialsninja.com application across different browser and devices.

TESTABLE FEATURES

- ➢ Gift certificates functionality
- ➢ Purchase gift certificates functionality
- ➢ Delivery of gift certificate functionality

TESTING APPROACH

- ➢ **Testing types**
  - Functional testing
  - Usability testing

- ➢ **Testing methodology**
  - Black box testing
  - Regression testing
  - UAT

- ➢ **Testing Environment**
  - UAT
  - Pre-pod

> ➢ **Environment Compatibility**
>   - Windows 7 and above
>   - Browser (chrome, fire-fox, Microsoft edge)

ROLES / RESPONSIBILITIES

NAME	ROLE	RESPONSIBILITIES
SIVA KUMAR	Test Manager	- Manage budget and resources. - Allocating additional support resource. - Assess and prioritize project risks/tasks. - Monitoring project progress. - Resolve communication issues and conflicts effectively
TANFEEZ AHMAD	Team Lead	- Develop test plan and strategies - In-alignment with project objectives - And requirements. - Assign task, set priorities and provide support to the team members - Review test results and provide feedback to the team members. - Monitor and manage risks throughout testing life cycle.
GOUTAM MALVIYA	Test Engineer	- Understand customer requirements - Write Test scenarios & Test cases - Executing the Test cases. - Performing root cause analysis to identify underlying issues. - Defect tracking and reporting.

TEST SCHEDULE

TASK	TIME DURATION
Test plan creation	17 July 2024
Test scenario creation	17 July 2024
Test case creation	18 July 2024
Test case execution	19 July to 20 July 2024
Summary report submission	20 July 2024

TEST DELIVERABLES

DELIVERABLES	DESCRIPTION	RESPONSIBLE OWNER	TARGET COMPLETION DATE
Test Plan	Outlines the testing approach, strategies, and scope for the tutorialsninja web application.	Masai	17 July 2024
Test Cases	Test Cases created for both functional testing and compatibility testing	Masai	18 July 2024
Defect Reports	Detailed description of the defects identified in different versions of application.	Masai	19 July 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 and use documents of the project. Include what functions 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. Any doubt or uncertainties regarding the requirements should be needs addressed and clarified to ensure that the testing team has a clear understanding of what to be tested and how it should behave.

Test Planning

- **Entry Criteria:**
  Testable Requirements derived from the given Requirements documents. Tests Plan document includes the Test Strategy, which provides a high-level overview of how testing will be conducted.

- **Exit Criteria:**
  Test Plan is signed-off by the Client (TUTORIALSNINJA.COM)

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 further 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 tools are which are given below will be used in this project.
- X mind map tool
- Jira project management tool

RISK AND MITIGATIONS

Following are the possible risks and their mitigation plan.

RISK	MITIGATION
Lack of functional tester	Backup resource planning
No detailed requirement available	Subject matters, experts available for deep Understanding of functionalities.

APPROVALS

Masai will send different types of documents for client approval as mentioned below:

- Test plan
- Test scenarios
- Test reports

Testing will only continue further ones these approvals are done.