

TEST PLAN

Project Name: Tutorial Ninja Application



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Introduction

The aim of this document is to give an overview of the testing approach, strategies, and scope for the Tutorialsninja web application. This document includes details like scope of the project, objectives, test schedule and resource allocations, test deliverables and reports.

AUT : <https://tutorialsninja.com/demo/>

Objectives

- To ensure the functionalities of key features such as register, login, product search, add to cart, checkout, change password and logout.

Scope

This test plan covers only functional testing of the Tutorialsninja web application across different browsers.

Testable features:

- Register
- Login
- New user
- Search
- Logout
- Create Orders
- Add Products
- Edit Details

- Mobiles
- Desktop
- Tablets
- Laptops
- Softwares
- Mp3
- Other Components
- Add to cart
- Checkout
- Account information
- Order information

Testing Approach:

- **Testing Types**
 - Functional Testing
- **Testing Methodologies**
 - Black-box Testing
 - White-box Testing
- **Testing Environment**
 - Production

➤ Operating System

- Windows 11 and above
- Browsers: [Chrome and Firefox]
- Testing Tools: [X Mind Map ,Zoom, Excel,MS Office]

Roles/Responsibilities

Name	Role	Responsibilities
Kavita Chauhan	Test Engineer	<ul style="list-style-type: none">✓ 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

Following is the test schedule planned for the project:

Task	Time Duration
Test Plan creation	17 July2024
Test Scenario creation	18 July 2024
Test case creation	18 July- 18 July2024
Test case Execution	18 July- 19 July2024
Summary Report Submission	22 july2024

Test Deliverables

The following are to be delivered to the client:

Deliverables	Description	Responsible Owner	Target Completion Date
Test Plan	Outlines the testing approach, strategies, and scope for the Amazon web application.	Kavita	22 July2024
Test Cases	Test Cases created for both functional testing and compatibility testing	Kavita	22 July2024
Defect Reports	Detailed description of the defects identified in different versions of application.	Kavita	22 July2024

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. Includes 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 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. Test 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)

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

- X mind map Tool
- Zoom - collaboration
- MS Excel : for documentation

Risks and Mitigation plans:

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

Risk	Mitigation plans
Lack of Time	To give extra hours
Very defective website	Using lectures to resolve the issues

Approvals

Team 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