

TEST PLAN

Project Name:- Tutorials Ninja Demo



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Introduction:

The aim of this document is to give an overview of the testing approach,

strategies, and scope for the Tutorial Ninja Demo E-commerce website.

This document includes details like scope of the project, objective, test

schedule, role and Responsibilities.

**AUT:** [**Tutorials Ninja Demo.**](https://tutorialsninja.com/demo/)



Objectives:

* To ensure the functionalities of key shopping cart functioanlity, every

product clickable or not and payment management.

* To ensure the performance of contact us page, multiple user have came

on the website. 

Scope:-

This test plan covers only functional testing, performance testing and usability

testing of the Tutorials Ninja Demo website .



Testing approach:

* Testing Types

* Functional Testing
* Compatibility Testing
* Testing Methodologies
* Black-box Testing
* White-box Testing
* Regression Testing
* User Acceptance Testing(UAT)
* Testing Environment

* UAT
* Pre-Prod

* Operating system
* Windows 11 and above
* Browsers: [Chrome]
* Testing Tools: [jira, selenium and zephyr ]



Tools:

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

* X mind map Tool
* Jira - Project management Tool
* Zephyr - Test Management Tool
* Selenium - Web Automation Tool



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  Tutorial Ninja Demo web application. | Shiv kumar | 05 Jan 2025 |
| Test Cases | Test Cases created for both functional  testing and compatibility testing. | Shiv kumar | 05 Jan 2025 |
| Defect Reports | Detailed description of the defects  identified in different versions of the application. | Shiv kumar | 05 Jan 2025 |



Risks and Mitigation plans:

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

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



Entry and Exit Criteria:

The below are the entry and exit criteria for few phase of Software Testing Life

Cycle:

* Requirement Analysis

Entry Criteria:

Once the testing team receives the Requirements 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 (Tutorial Ninja Demo)

* Test Designing

Entry Criteria:

The Test Plan document needs to be reviewed and approved by the client

and then the 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 cae Reports, Defect Reports are ready.

* Test Closure

Entry Criteria:

Test Case Reports, Defect Reports are ready

Exit Criteria:

Test Summary Reports, it overviews the entire testing process.



Roles/Responsibilities:

| Name | Role | Responsibilities |
| --- | --- | --- |
| Shiv kumar | Test Manager | * Manage budget and resources. * Allocating additional support resources. * Assess and prioritize project risks/tasks. * Monitoring project progress. |

| Anjali shaw | Test Lead | * Develop test plans and strategies in alignment with projects and requirements. * Assign tasks, set priorities, and provide and support to team members. * Review test results and provide feedback to team members. * Monitor and manage risks throughout the testing life cycle. |
| --- | --- | --- |
| Sanjay jatav | 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. |
| Ak yada | Test Engineer | * Understand customer requirements . * Configuring and Setting Up test environment. * Management of Automation tools. * File Closure activity. * Executing Regression test cases. |



Test Schedule:

Following is the test schedule planned for the project:

| Task | Time Duration |
| --- | --- |
| Test Plan creation | 05 Jan 2025 |
| Test Scenario creation | 05 Jan 2025 |
| Test Case creation | 07 Jan to 08 Jan 2025 |
| Test case Execution | 05 Jan to 07 Jan 2025 |
| Summary Report Submission | 08 Jan 2025 |



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.