TEST PLAN

-: Project Name :-

Tutorials Ninja

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***Introduction :***

The aim of the document is to give an overview of the testing approach, strategies, and scope for the Tutorials Ninja demo website. This document includes details like the scope of the project, objectives, test schedule and resource allocations, test deliverables, and reports.

AUT: Tutorials Ninja(<https://tutorialsninja.com/demo/>)

*Objectives :*

* Validate the functionality, usability, and performance of the Tutorials Ninja website.
* Ensure that the app meets the specified requirements and user expectations.
* Identify and mitigate potential risks to ensure a smooth user experience.

***Scope :***

This test plan covers only functional testing, performance testing, and compatibility testing of the Tutorials Ninja web application on web browsers

***Testing Features :***

* **Homepage**
  + **Header Section**
    - Currency
    - My Account
    - Wishlist
    - Shopping Cart
    - Checkout
  + **Logo**
  + **Search Bar**
  + **Cart Button** (Black)
  + **Navigation Bar**
    - Desktops
    - Laptops and Notebooks
    - Components
    - Tablets
    - Software
    - Phones and PDA’s
    - Cameras
    - MP3 Players
  + **Carousels**
  + **Featured**
    - MacBook
    - Iphone
  + **Footer**
    - Information
    - Customer Service
    - Extras
    - My Account
* **Address Book**

***Testing Approach :***

* **Testing Types**
  + Functional Testing
  + Performance Testing
  + Compatibility Testing
* **Testing Methodologies**
  + Black box Testing
  + Regression Testing
  + User Acceptance Testing
    - Alpha
    - Approval

***Testing Environment :***

* UAT
* Pre-Prod

***Operating System :***

* Windows 11 and above
* Browsers: [Chrome]
* Testing Tools: [selenium, Postman, Jira, Selenium, Microsoft Teams, XMind]

*Roles/Responsibilities :*

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Responsibilities** |
| **Shiva Kumar** | Test Manager | * Approve the overall test plan * Monitor Project Progress * Approve the test cases |
| **Kunal Tagde** | Test Lead | * Write Test scenarios & Test cases * Executing the Test * Defect tracking and reporting * Develop and maintain the test plan * Review test results and give feedback to team members |

*Test Schedule :*

Following is the test schedule planned for the project

|  |  |
| --- | --- |
| Task | Time Duration |
| Test Plan Creation | 27 August 2024 |
| Test Scenario Creation | 28 – 30 August 2024 |
| Test Case Creation | 28 – 30 August 2024 |
| Test Case Execution | 28 – 30 August 2024 |
| Summary Report Submission | 31 August 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, strategies, and scope for the Tutorials Ninja demo website | Kunal | 27 August 2024 |
| Test Cases | Test Cases created for functional testing, performance testing, and compatibility testing. | Kunal | 28 August 2024  -  29 August 2024 |
| Defect Reports | Detailed description of the defects identified in different areas of the website | Kunal | 30 August 2024 |

***Entry and Exit Criteria :***

***Entry Criteria:***

* **I have reviewed the design and functional requirements specific to both the Homepage and Address Book features.**
* **I have access to the test environment with fully configured Homepage and Address Book features.**
* **Necessary test data relevant to both the Homepage (e.g., images, banners) and Address Book (e.g., user details, addresses) is available.**
* **I have prepared and reviewed the Test Plan and Test Cases relevant to both the Homepage and Address Book.**

***Exit Criteria:***

* **I have executed all test cases related to the Homepage and Address Book.**
* **All critical and high-priority defects identified during testing have been reported and resolved or appropriately deferred.**
* **I have documented and reviewed the Test Case Reports, including results and defect reports.**
* **I am satisfied with the testing results and ready to proceed to the next phase or release the features.**

*Tools :*

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

• X mind map Tool

• Jira - Project management tool

***Risks and Mitigation Plans :***

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

|  |  |
| --- | --- |
| Risk | Mitigation plans |
| 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
* Bug Defect Reports

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