| TEST PLAN |
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Project Name: Tutorials Ninja Web Application

JULY 17, 2024

PREPARED BY: VALLALA ALEKYA

Masai



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| **INTRODUCTION** |
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The aim of this document is to give an overview of the testing approach, strategies, and scope for the Tutorials Ninja 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** |
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➢ To evaluate the functionality, performance and usability of the given feature of the OpenCart demo e-commerce website.  
   
➢ To confirm compatibility with different browsers.

| **SCOPE** |
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This test plan covers only functional testing and compatibility testing of the Tutorials Ninja Web Application across different browsers.  
   
➢ Signup  
➢ Login  
➢ Contact U

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| **TESTABLE FEATURES** |
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➢**Testing types**

• Functional Testing

• Compatibility Testing

➢**Testing methodology**

* White-box testing
* Black-box testing
* Regression Testing
* UAT

➢**Testing Environment**

* UAT  
   • Pre-Pod

➢ **Environment Compatibility**

* + Windows 7 and above
  + Browser (Chrome and fire-fox)
  + Tools – Selenium, Jira, Zephyr

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| **ROLES AND RESPONSIBILITIES** |
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| NAME | ROLES | RESPONSIBILITIES |
| --- | --- | --- |
| Pooja Yadev | Test Manager | ✓ Manage budget and resources.  ✓ Allocating additional support resource. ✓ Assess and prioritize project risks/tasks.  ✓ Monitoring project progress.  ✓ Resolve communication issues and conflicts effective 21` |
| Alekya Vallala &  Sharmila saren | Test Engineer | ✓ Understand customer requirements  ✓ Write Test Plan & Mindmap✓ Write Automation scripts  ✓ Setup Environment  ✓ Write Test cases and Test Scenarios  ✓ Executing the test cases.  ✓ Bug reporting and Summary reporting |

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| **TEST DELIVERABLES** |
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| Deliverables | Description | Responsible  owner | Target  Completion  Date |
| --- | --- | --- | --- |
| Test plan | Outlines the testing  approach, strategies, and  scope for the Tutorials  Ninja Web Application. | Vallala Alekya | 17 July 2024 |
| Test Cases | created for  both functional testing  and compatibility testing | Vallala Alekya | 17 July 2024 |
| Defect  Reports | Detailed description of  the defects identified in  different versions of  application. | Vallala Alekya | 17 July 2024 |

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| **TEST SCHEDULE** |
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| **Task** | **Time Duration** |
| --- | --- |
| Test Plan Creation | 17 July 2024 |
| Test Scenarios Creation | 17 July 2024 |
| Test Case Creation | 18 July 2024 |
| Test Case Execution | 18 July 2024 |
| Summary Report Submission | 18 July 2024 |

| **ENTRY AND EXIT CRITERIA** |
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The below are the entry and exit criteria for every phase of Software

testing Life Cycle:

**Requirement Analysis:**

➢ Entry Criteria:

Once the testing receives the Requirements documents and use documents of the project. Includes what functions needs to be tested and how the software should behave.

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➢ 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. The Test Plan document includes the Test Strategy,which provides a high-level overview of how testing will be conducted.

➢ Exit Criteria:

The Test Plan is signed-off by the Client.

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 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

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| **TOOLS** |
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The following are the list of Tools we will be using in the Project:

• X mind map Tool

• Jira – Project management tool

• Microsoft Excel

• Microsoft Word

• Slack – Collaboration

• GitHub

| **RISKS AND MITIGATION** |
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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 | Subjects matter experts available  for deep understanding of  functionalities. |

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| **APPROVALS** |
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Below are the documents required for client Approval :

• Test Plan

• Test Scenarios

• Reports

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

done.

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