# **Test Plan (nopcommerce.com)**

| Test Plan                  | 10bjective |
|----------------------------|------------|
|                            | 2          |
| Scope                      | 2          |
| Inclusions                 | 4          |
| Test Environments          | 6          |
| Defect Reporting Procedure | 7          |
| Test Strategy              | 8          |
| Test Schedule              | 9          |
| Test Deliverables.         | 10         |
| Entry and Exit Criteria    | 10         |
| Entry Criteria:            | 10         |
| Exit Criteria:             | 11         |
| Test Execution             | 11         |
| Entry Criteria:            | 11         |
| Exit Criteria:             | 11         |
| Test Closure               | 11         |
| Entry Criteria:            | 11         |
| Exit Criteria:             | 11         |
| Tools                      | 11         |
| Risks and Mitigations      | 11         |
| Approvals                  | 12         |

# Objective

In this document of the Test Plan for the Nopcommerce web application, we are going to test the functional aspects of <a href="https://demo.nopcommerce.com">https://demo.nopcommerce.com</a>, Nopcommerce leads in many countries as a key Ecommerce website, and we will be testing Nopcommerce India

#### Nopcommerce Tech stacks:

• Frontend: HTML, CSS, JavaScript, and DocFX

• Backend: JavaScript, ASP.NET, jQuery, Cloudflare Server.

Database: mySQL

# Scope

The features and functionality of nopcommerce.com that will be tested: the user interface, checkout process, search functionality, and mobile compatibility.

The types of testing that will be performed: functional testing, smoke testing, sanity testing

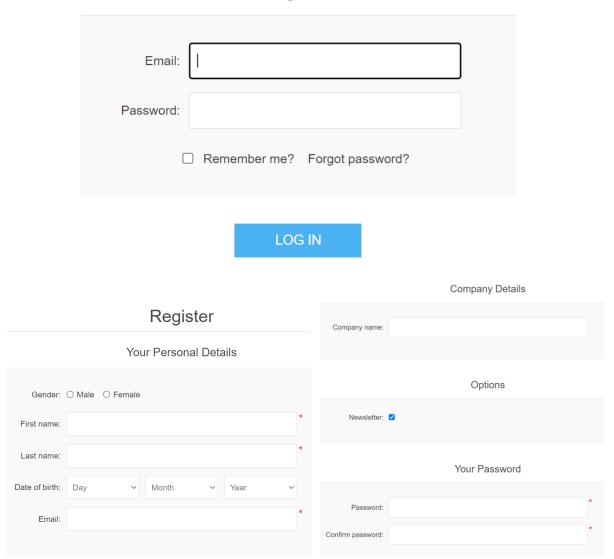
The environments in which testing will be conducted: different browsers, operating systems, and device types.

The criteria that will be used to evaluate the success of the testing: the number of defects found, the time taken to complete the testing, and user satisfaction ratings.

The roles and responsibilities of the team members involved in the testing: the test lead, testers, and developers.

The tools and equipment that will be used for testing: software, hardware, and documentation templates.

# **Returning Customer**



## **Inclusions**

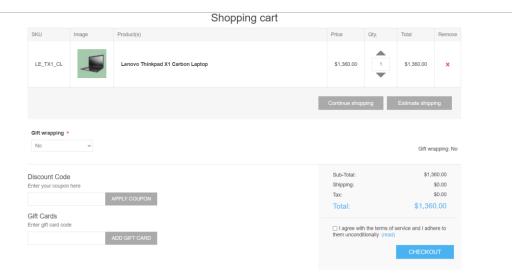
Introduction: This section would provide an overview of the test plan, including its purpose, scope, and goals.

Test Objectives: This section would outline the specific objectives of the testing, such as identifying and fixing defects, improving the user experience, or achieving a certain level of performance.

- Create account
- Sign In
- Sign out
- Search
- Cart
- Product page

## Search store

# **SEARCH**



#### Order information

Print PDF Invoice

#### ORDER #103

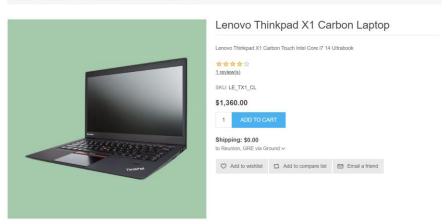
Order Date: Monday, May 20, 2024 Order Status: Pending Order Total: \$1,360.00

Billing Address

SCSAC CASC
Email: ASCS@CSV.FD
Phone: 788576757
Fax:
VFBRG
Reunion
GEGEGA
GRERGE
GRE
Payment
Payment
Payment Method: Check / Money Order
Payment Status: Pending

Shipping Address
SCSAC CASC
Email: ASCS@CSV.FD
Phone: 78875757
Fax:
VFBRG
Reunion
GEGEGA
GRRERGE
GRE
Shipping
Shipping Method: Ground
Shipping Status: Not yet shipped

Home / Computers / Notebooks / Lenovo Thinkpad X1 Carbon Laptop



The X1 Carbon brings a new level of quality to the ThinkPad legacy of high standards and innovation. It starts with the durable, carbon fiber-reinforced roil cage, making for the best Ultrabook construction available, and adds a host of other new features on top of the old favorites. Because for 20 years, we haven't stopped innovating. And you shouldn't stop benefiting from that,

#### **Exclusion**

- Payment gateways
- About us
- Privacy notice
- Contact us
- Bloa
- News

### **Test Environments**

The **operating systems** and versions that will be used for testing, such as Windows 11, macOS, or Linux.

The browsers and versions that will be tested: Google Chrome, Edge.

The device types and screen sizes that will be used for testing: desktop computers, laptops, tablets, and smartphones.

The network connectivity and bandwidth that will be available for testing: Wi-Fi, cellular, or wired connections.

The hardware and software requirements for running the test cases: specific processor, memory, or storage capacity.

Windows 10 – Chrome, Firefox and Edge

- Mac OS Safari Browser
- Android Mobile OS Chrome
- iPhone Mobile OS Safari

## **Defect Reporting Procedure**

The criteria for identifying a defect: deviation from the requirements, user experience issues, or technical errors.

The **steps for reporting a defect**: using a designated template, providing detailed reproduction steps, and attaching screenshots or logs.

The **process for triaging and prioritizing defects:** assigning severity and priority levels, and assigning them to the appropriate team members for investigation and resolution.

Tools – MS word

# **Test Strategy**

The first step is to create test scenarios and test cases for the various features in

#### Scope.

While developing test cases, we'll use a number of test design techniques.

- o Equivalence Class Partition
- o Boundary Value Analysis
- o Decision Table Testing
- o State Transition Testing
- o Use Case Testing

We also use our expertise in creating Test Cases by applying the below:

- o Error Guessing
- o Exploratory Testing
- We prioritize the Test Cases

Step 2: Our testing procedure when we receive a request for testing:

- First, we'll conduct smoke testing to see if the various and Important functionalities of the application are working.
- We reject the build, if the Smoke Testing fails and will wait for the stable Build before performing in depth testing of the application functionalities.
- Once we receive a stable build, which passes Smoke Testing, we perform In depth testing using the Test Cases created.

We then report the bugs in bug tracking tool and send dev. management the defect found on that day in a status end of the day email.

As part of the Testing, we will perform the below types of Testing:

- o Smoke Testing and Sanity Testing
- o Regression Testing and Retesting
- o Functionality & UI Testing

Step3 – We will follow the below best practices to make our Testing better:

- **Context Driven Testing** We will be performing Testing as per the context of the given application.
- **Exploratory Testing** Using our expertise we will perform Exploratory Testing, apart from the normal execution of the Test cases.
- End to End Flow Testing We will test the end-to-end scenario which involve multiple functionalities to simulate the end user flows.

### Test Schedule

Following is the test schedule planned for the project – Task Time Duration

| Task                            | Dates                     |
|---------------------------------|---------------------------|
| Creating Test Plan              | 14 <sup>th</sup> May 2024 |
| Test Case Creation              | 16 <sup>th</sup> May 2024 |
| Test Case Execution             | 19 <sup>th</sup> May 2024 |
| Summary Reports Submission Date | 21st May 2024             |

## **Test Deliverables**

## 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 or details about the Project

#### Exit Criteria:

- List of Requirements are explored and understood by the Testing team
- · Doubts are cleared

### **Test Execution**

## Entry Criteria:

- Test Scenarios and Test Cases Documents are signed-off by the Client
- · Application is ready for 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

#### Tools

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

Word and Excel documents

## Risks and Mitigations

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

Risk: Non-Availability of a Resource Mitigation: Backup Resource Planning

Risk: Build URL is not working

Mitigation: Resources will work on other tasks

Risk: Less time for Testing

Mitigation: Ramp up the resources based on the Client needs dynamically

### Approvals

Team will send different types of documents for Client Approval like below:

- Test Plan
- Test Scenarios
- Test Cases
- Reports

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