

Test Plan (nopcommerce.com)

Test Plan	1Objective
	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 <https://demo.nopcommerce.com>, 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

Email:

Password:

☐ Remember me? [Forgot password?](#)

LOG IN

Register

Your Personal Details

Gender: ☐ Male ☐ Female

First name:

*

Last name:

*

Date of birth:

Day

▼

Month

▼

Year

▼

Email:

*

Company Details

Company name:

Options

Newsletter:

☒

Your Password

Password:

*

Confirm password:

*

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

Shopping cart

SKU	Image	Product(s)	Price	Qty.	Total	Remove
LE_TX1_CL		Lenovo Thinkpad X1 Carbon Laptop	\$1,360.00	<div>1</div>	\$1,360.00	

Continue shopping

Estimate shipping

Gift wrapping *

No

Gift wrapping: No

Discount Code

Enter your coupon here

APPLY COUPON

Gift Cards

Enter gift card code

ADD GIFT CARD

Sub-Total: \$1,360.00
Shipping: \$0.00
Tax: \$0.00
Total: \$1,360.00

☐ I agree with the terms of service and I adhere to them unconditionally ([read](#))

CHECKOUT

Order information

Print

PDF Invoice

ORDER #1033

Order Date: Monday, May 20, 2024

Order Status: Pending

Order Total: **\$1,360.00**

Billing Address

SCSAC CASC
Email: ASCS@CSV.FD
Phone: 758575757
Fax:
VFBRG
Reunion
GEGEGA
GRRERGE
GRE

Payment

Payment Method: Check / Money Order
Payment Status: Pending

Shipping Address

SCSAC CASC
Email: ASCS@CSV.FD
Phone: 758575757
Fax:
VFBRG
Reunion
GEGEGA
GRRERGE
GRE

Shipping

Shipping Method: Ground
Shipping Status: Not yet shipped

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Lenovo Thinkpad X1 Carbon Laptop

Lenovo Thinkpad X1 Carbon Touch Intel Core i7 14 Ultrabook

★★★★☆
1 review(s)

SKU: LE_TX1_CL

\$1,360.00

1

ADD TO CART

Shipping: \$0.00

to Reunion, GRE via Ground

 Add to wishlist

 Add to compare list

 Email a friend

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 roll 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

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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 th May 2024
▪ Test Case Creation	16 th May 2024
▪ Test Case Execution	19 th May 2024
▪ Summary Reports Submission Date	21 st 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