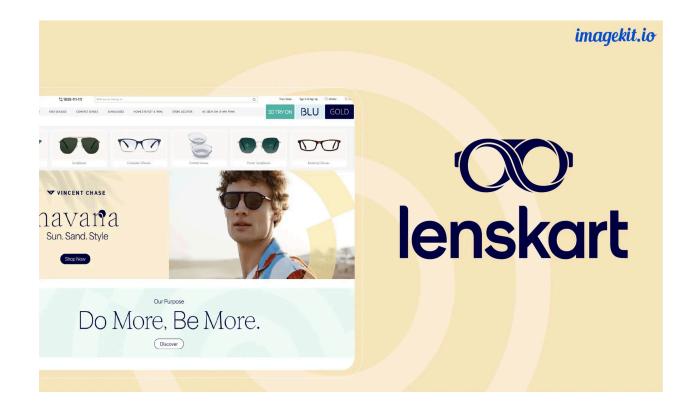


TEST PLAN

Website Name: Lenskart



Prepared by: Pavan Kumar Oggu

Date: Nov 10,2024

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Test Plan ID :

TSTP-001-Lenskart Website-Release 1.0

Introduction :

The **Lenskart** website is an e-commerce platform that allows users to browse and purchase eyewear products such as eyeglasses, sunglasses, and contact lenses. It includes features like user registration, login, order management, payment processing, and customer support. This test plan outlines the manual testing strategy to ensure the website's key functionalities work smoothly and provide a consistent user experience across different devices and browsers.

Website Link : https://www.lenskart.com/

Test Objectives:

The main objective of this test plan is to test the quality, functionality, and performance of the **Lenskart Website**. The testing will ensure that the critical features, user workflows, and backend services function seamlessly.

- Identify and fix bugs
- Validate functional requirements
- Confirm integration points
- Security validation
- Performance check

Scope of Testing :

 Testing will cover functional Compatibility, Usability and UI/UX aspects of the administration registration login page, user registration, help, download hosting and learn more features.



Features to be tested:

- **User Registration & Login** Account creation, login/logout functionality.
- **Product Browsing & Search** Product categories, search bar, filters.
- **Shopping Cart** Add, remove, and view cart items.
- **Checkout Process** Shipping details, payment options, order confirmation.
- Payment Gateway Credit card, PayPal, and transaction processing.
- **Order Management** View past orders, track orders, cancel orders.
- User Reviews & Ratings Submit and view product reviews.
- **Email Notifications** Order confirmation, shipping updates, password reset.
- **Mobile Responsiveness** Site functionality across different devices (phones, tablets).
- **Cross-Browser Compatibility** Test across major browsers (Chrome, Firefox, Safari, Edge).
- **Security Features** User authentication, payment security, data protection.
- **Performance** Site speed and load time.
- **Customer Support** Contact forms, live chat, FAQ.
- **Refunds/Returns** Return product flow, refund initiation, refund status tracking.
- **Notifications** notifications, order confirmation, delivery updates.

Features Not to be Tested :

- Third-party services like payment gateway integration details.
- Marketing emails and push notification campaigns (managed by a separate team).



Testing Approach:

Testing Types:

- **Functional Testing:** Ensuring that all functional aspects of the website work as expected.
- **UI/UX**: Verifying the website's interface and user experience.
- **Compatibility Testing :** Testing across browsers, OS, and devices.
- **Usability Testing**: Evaluating the ease of use and user-friendliness of the site.

Testing Environment:

Hardware:

• Desktop computers, laptops, and mobile devices (Android & iOS).

Software:

- Operating Systems: Windows, macOS, Android, iOS.
- Browsers: Chrome, Firefox, Safari, Edge.
- **Testing Tools**: TestRail for test management, JIRA for bug tracking.

Network:

• Stable internet connection to test the website and payment gateway.

Access Control:

• User accounts with different roles (Admin, Customer, Guest) for testing login, browsing, and purchasing.



Test Deliverables:

Deliverable	Description	
Test Plan Document	Strategy document outlining testing scope, timeline, resources.	
Test Case Document	Includes all functional and non-functional test cases	
Test Execution Report	Daily reports of test execution progress	
Defect Report	All bugs found during testing	
Test Summary Report	Final report summarizing test coverage, outcomes, and any unresolved issues.	

Test Schedule:

Phase	Duration
1. Test Plan Creation & Mind Map	06-02-2025
2. Test Scenario	06-02-2025
3. Test Execution	06-02-2025
4. Manual Test Cases & Bug Reporting	07-02-2025
5. Test Summary	07-02-2025
6. Presentation Report Submission	07-02-2025



Entry and Exit Criteria:

Entry Criteria:

- Access to the Lenskart website with all features enabled.
- Test cases reviewed and ready for execution.
- Test data (user accounts, product details, payment info) is available and accurate.
- The latest stable version of the website is deployed for testing.

Exit Criteria:

- All critical bugs are fixed, and all key functionalities (browsing, purchase, payment, etc.) work as expected.
- Test cases executed, and pass rate meets the defined threshold (typically 90%+).
- Performance and load testing criteria are met.
- Test results documented, and stakeholders have signed off on the testing phase.

⚠ Risks and Mitigations :

- **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:** If time is limited, additional resources will be allocated dynamically based on client needs to accelerate test execution and ensure thorough testing coverage.
- **Risk:** Browser Compatibility Issues
- Mitigation: Ensure early cross-browser testing and create a priority list to address the most commonly used browsers first.



Roles and Responsibilities :

Role	Name	Responsibilities
1. Test Manager	Pooja	- Manage overall testing timelines and deliverables
2. Manual Tester	Pavan Kumar	Perform functional testing.Write test cases, execute tests, report defects

XTools and Resources:

- Google Sheet
- Google Doc
- XMind (Mind Mapping)

Approvals and Sign-off:

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

- Test Plan
- Test Scenarios
- Test Cases
- Reports
- Project Manager
- QA Lead
- Sign Off

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

