

NYKAA.COM WEBSITE TESTING

BY-SAYLEE RAUT

# PROJECT OVERVIEW

The objective of this project is the Nykaa.com website manual project aims to create a comprehensive and user-friendly manual that serves as a reference guide for users navigating the Nykaa.com e-commerce platform.

# PROJECT OBJECTIVES

* + **User Empowerment**: Empower users with the knowledge and understanding required to navigate and utilize Nykaa.com effectively.
  + **Reduce User Queries**: Minimize user queries
  + **Enhanced User Experience**: Improve the overall user experience on Nykaa.com.

# PROJECT SCOPE

* Define the scope of Nykaa.com project, including features and functionalities
* Identify any constraints or limitations

# TEST ENVORINMENT

* + Web Browsers: Chrome, Firefox, Microsoft
  + Devices: Desktop with configuration of Windows 10, i3 gen, 64x bit
  + Testing Tools: Selenium, TestNG, Cucumber.

# TESTING TYPES AND LEVEL

* + Functional Testing
  + Usability Testing

# TEST SCENARIOS

1. **Functional Testing**

1. User Registration

* Verify that users can register with valid information.
* Ensure users receive a confirmation email after registration.

1. User Login

* Test user login functionality with valid credentials.
* Verify proper error messages for invalid login

1. Product Search

* Test search functionality for various products using different keywords.
* Verify search results accuracy and relevance.

1. Product Browsing

* Ensure users can browse different product categories.
* Verify filtering options work correctly.

1. Adding to Cart

* Test adding products to the cart from product detail pages.
* Verify the cart updates with correct product quantities.

1. Checkout Process

* Test the checkout process for guest and registered users.
* Verify users can enter shipping and billing information correctly.

1. Order Management

* Test order placement, modification, and cancellation.
* Verify users can view order history and track order status.

**2.Usability testing**

1. Navigation

* Evaluate the ease of navigation throughout the website.
* Check for consistency in layout and design elements.

2. Product Information

* Ensure product descriptions are clear, concise, and informative.
* Verify images load correctly and represent the product accurately.

3.Performance Testing

* Test page load times for different sections of the website.
* Check how the website performs under heavy traffic.
* Test the website's loading time on different internet speeds.

4. Cross-Browser Compatibility

* Test the website on different browsers (Chrome, Firefox, Safari, Edge).
* Confirm that the site functions correctly across different browsers.

# ENTRY AND EXIT CRITERIA

**Entry Criteria:** Completion of development, deployment of all module.

**Exit Criteria:** Successful completion of all test cases, resolution of critical defects, and approval from stakeholders.

# TEST SCHEDULE

**Start Date: 22 JAN 2024**

# End Date: 28 MAR 2024

**Milestones:**

# Test Planning: 5 FEB 2024

**Test Execution: 6 FEB 2024**

# Defect Resolution: 15 FEB 2024

**Test Summary Report: 28 FEB 2024**

# ROLES AND RESPONSBILITES

* **QA Tester:** Test case execution, defect reporting, regression testing**.**
* **Development Team:** Providing necessary support and fixes based on test results**.**
* **Project Manager:** Overall project coordination and approvals.

# COMMUNICATION PLAN

* + Schedule regular meetings and status updates to ensure alignment and progress tracking
  + Immediate communication of critical issues via [TEAM VIEWER].
  + Test summary reports provided at the end of each testing phase.

1. **RISK AND MITIGATION STRATAGIES Risk:** Delay in development and Testing

**Mitigation:** Continuous communication with the development team and proactive issue resolution.

# DEFECT TRACKING AND REPORTING

* Defects will be tracked using [JIRA].
* Regular defect status reports will be provided to the development team.

# ACCEPTANCE CRITERIA

* All high-priority test cases pass.

No critical security vulnerabilities are identified. Usability testing indicates a positive user experience.

# TEST DELIVERABLES

# Test Plan

**Test Cases Defect Reports**

# Test Summary Report

1. **APPROVAL AND SIGN-OFF**

Sign-off will be obtained from the project manager based on the completion of test cases and resolution of defects.