## **Testing Summary Report for Nykaa E-Commerce Application**

### **1. Overview**

**Application Name:** Nykaa  
**Testing Period:** 17-Dec-2024 TO 21-Dec-2024  
**Testing Team:**individual

* **URL:**<https://glistening-gingersnap-7dec72.netlify.app/>
* **Test Devices:** Desktop, Mobile and Tablets
* **Browsers:** Google Chrome,Firefox, Microsoft Edge

### **2. Testing Scope**

The testing was conducted to ensure the following:

* Core functionalities of the application are operational.
* Usability, responsiveness, and accessibility across devices.
* Performance and scalability of the platform under various conditions.

#### **Modules Tested:**

1. **Homepage**
   * Banner, promotions, and search bar functionality.
2. **Product Listings**
   * Filters, sorting, and pagination.
3. **Product Details Page**
   * Add to cart, wishlist, and product reviews.
4. **Cart and Checkout**
   * Add/remove items, apply coupons, and payment gateway.
5. **User Accounts**
   * Login, signup, order history, and profile updates.
6. **Mobile App Testing**
   * Responsiveness, app-specific features, and push notifications.

### **3. Types of Testing Performed**

1. **Functional Testing:** Validated core functionalities such as search, add to cart, and checkout.
2. **Usability Testing:** Verified the user experience, including navigation, design consistency, and accessibility.
3. **Performance Testing:** Conducted stress and load testing to evaluate system behavior under heavy traffic.

**4. Test Results**

| **Category** | **No. of Test Cases** | **Passed** | **Failed** | **Remark** |
| --- | --- | --- | --- | --- |
| Functional Testing | 22 | 15 | 7 | Major bug their like login functionality product checkout functionality |
| Usability Testing | 4 | 4 | 0 | No bug find in usability testing |
| Performance Testing | **4** | **3** | **1** | Minor bug in performance testing page is take time to load when under high under |

### **5. Key Observations**

1. **Strengths:**
   * Smooth navigation and intuitive UI.
   * Secure payment gateway integration.
   * Effective search and filter options.
2. **Weaknesses:**
   * Performance issues under high traffic.
   * Minor usability glitches on mobile devices.
   * Certain functionalities break on older browsers.

### **6. Recommendations**

1. Optimize page load times to improve performance.
2. Resolve checkout and product filter issues.
3. Enhance mobile responsiveness for better usability.
4. Strengthen API security by addressing header vulnerabilities.

### **7. Conclusion**

The Nykaa e-commerce application demonstrates robust functionality with major issues in functionality,performance and usability. Prioritizing the identified fixes will ensure a seamless user experience and enhanced operational stability.