Test Summary Report for HexaClothes Website

Project Name: HexaClothes
Test Summary Report Date: 07th July 2025
Tested By: QA Team - Amritha V J

1. **Objective**
   a. To validate core e-commerce functionalities including:
      i. User registration/login workflows
      ii. Product listing and cart management
      iii. Checkout process (with dummy payment)
      iv. UI responsiveness across devices
      v. Defect-free critical user journeys

2. **Scope of Testing:**
   a. In-Scope:
      i. Homepage UI/functionality
      ii. User registration/login
      iii. Cart/checkout flows
   b. Out-of-Scope:
      i. Real payment processing
      ii. Admin portal

3. **Test Environment:**
   a. Frontend: React.js
   b. Backend: Node.js + MongoDB
   c. Test URL: https://hexaclothes.netlify.app/
   d. Browsers: Chrome (Primary), Firefox
   e. OS: Ubuntu 24.04

4. **Test Artifacts Created:**
   a. Test Plan
   b. Test Scenarios
   c. Test Cases
   d. Test Data
   e. Defect Reports

5. **Testing Types Performed:**
   a. Functional Testing
   b. UI/UX Testing
   c. Negative Testing
   d. User Acceptance Testing (UAT)
   e. Responsive testing
   f. Integration Testing

g. Cross-browser Testing
h. Regression Testing
i. Retesting

6. Defect Summary

SL No	Severity	No. of Defects	Status(Closed/Open)
1	High	16	New
2	Medium	11	New
3	Low	1	New
4	Critical	1	New

Total - 29, New - 29, Closed - 0

7. Test Metrics

Sl No	Item	Count
1.	Total Test Cases Executed	86
2.	Test Cases Passed	57
3.	Test Cases Failed	29
4.	Test Cases Blocked	2
5.	Defects Reported	29
6.	Defects Closed	0

9. Test Schedule and Duration:

- Test Planning Start: 03-July-2025
- Test Execution Period: 26th-June-2025 to 07th-July-2025
- Total Duration: 7 working days

10. Risks and Issues:

- 3rd-party payment gateway sandbox downtime affected UAT timeline.
- Security Vulnerabilities:
  - Authentication bypass (DF018)
  - Duplicate email registration (DF013)
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- Checkout Failures:
  - No validation for required fields (DF020)
  - Invalid card number acceptance (DF022)
  - Mobile UI: Missing home icon (DF019)
- Admin module

11. Test Results Summary:

- Passed Areas:
  - Basic product listing (images, pricing)
  - Cart add/remove functionality
  - Registration form UI
- Pending Fixes: Checkout, login security.

12. Conclusion & Recommendation:

The build is unstable due to critical defects in authentication and checkout.

Immediate Action Required:

- Fix security issues (DF013, DF016, DF018)
- Implement checkout validations (DF020-DF026)
- Retest all critical scenarios post-fix