**1. Project Overview**

Manual testing was conducted on a demo e-commerce web application to validate its core functionalities, including login, product search, cart operations, and checkout flow. The objective was to ensure the application meets basic quality standards and is free of critical defects prior to release.

**2. Test Scope**

* Login and Registration
* Product Search and Filter
* Add to Cart
* Checkout Process
* Order History
* UI and Responsive Design

**3. Test Execution Summary**

* **Total Test Cases Executed**: 15
* **Passed**: 15
* **Failed**: 0
* **Bugs Logged**: 7
  + High Severity: 4
  + Medium Severity: 2
  + Low Severity: 1
* **Testing Types**: Functional, Regression, UI Testing

**4. Key Observations**

* UI performance was smooth across Chrome and Firefox
* Image loading issue observed on product detail page
* Checkout proceeded even with an empty cart
* Cart total calculation bug found and logged
* Overall user flow tested successfully with no blockers

**5. Conclusion**

The application passed all major test cases. The bugs reported were primarily related to validation and UI behavior. Post-fix verification is recommended after the resolution of the logged issues to ensure a high-quality user experience.