**Project Overview**:  
The e-commerce application was tested for its core functionalities including user registration, login, product search, cart management, and checkout process.

**Test Execution Details**:

* **Total Test Cases Executed**: 15
* **Passed**: 12
* **Failed**: 3
* **Bugs Identified**: 6
* **Severity Distribution**:
  + **Critical**: 1
  + **High**: 2
  + **Medium**: 2
  + **Low**: 1

**Key Findings**:

* The application's registration and login functionalities are stable.
* Issues were found with cart management and payment gateway integration.
* Product images failed to load on some pages.

**Recommendations**:

* Fix critical bugs related to payment gateway timeouts.
* Address high-priority issues with cart quantity updates.
* Improve product image loading for better user experience.

**Conclusion**:  
The e-commerce application requires further development to resolve identified issues before it can be considered ready for deployment. Once these issues are addressed, the application will provide a smoother user experience.