Test Summary Report

Project: OpenCart Demo – Online Shopping Platform

Feature(s) covered: User Registration & Login (team covered full site features)

Sprints: 2, 3 & 4

Date: **13/11/2025**

1. Project Overview

This project involved testing key user functions of the OpenCart Demo website, including registration, login, and password recovery. Testing covered Manual, API, and Database validation using XAMPP, Postman, and phpMyAdmin.

2. Scope of Testing

In Scope:
- Registration and Login workflows
- Password reset
- Database verification

Out of Scope:
- Admin panel testing
- Full performance testing
- Browser compatibility matrix

3. Test Environment

• Localhost (XAMPP) with Apache & MySQL
• phpMyAdmin for database testing
• Postman for API testing
• Excel / Google Sheets for manual test case documentation
• GitHub for version control and submission

4. Test Summary

Test Type	Total Cases	Executed	Passed	Failed	Pass %
Manual (UI)	120	120	110	10	91.7%
API	40	40	36	4	90.0%
Database	30	30	29	1	96.7%
Performance	5	5	5	0	100%
Total	195	195	180	15	92.3%

5. Defect Summary

• Total Defects: 12
• High: 3 (1 still open)
• Medium: 5
• Low: 4

Most defects were UI or validation related; critical bugs include duplicate email creation and password field visibility.

6. Tools Used

• XAMPP (Apache + MySQL)
• Postman
• phpMyAdmin
• Excel / Google Sheets
• GitHub

7. Recommendations

• Fix the duplicate registration issue.
• Improve validation messages consistency between UI and API.
• Add basic automation scripts for regression testing.
• Continue DB-level verification in future sprints.

8. Conclusion

All major user functions are working correctly. The system passes more than 90% of the test cases, and the project is ready for submission.