**Test Summary Report**

**Project Name:** Library Management System Web App  
**Project URL:** <https://library-assignment-zeta.vercel.app/>  
**Tester Name:** Prince Kumar Sarswat  
**Test Start Date:** 23 April 2025  
**Test End Date:** 26 April 2025

**1. Test Scope:**

Testing was performed on the following modules:

* Homepage
* Login
* Borrow Books
* Return Books
* Contact Us Form
* Footer Links

**2. Test Environment:**

* Browser: Chrome, Edge, Firefox (Latest Version)
* OS: Windows 10
* Internet: Active Internet Connection

**3. Test Execution Summary:**

| **Status** | **Total Count** |
| --- | --- |
| **Total Test Cases Executed** | 34 |
| **Passed** | 17 |
| **Failed** | 14 |
| **Hold** | 3 |

**4. Defects Summary:**

| **Priority** | **Defects Count** |
| --- | --- |
| **High** | 10 |
| **Medium** | 3 |
| **Low** | 1 |

* Most of the defects were of **High Priority**, affecting the core functionalities like login, borrow/return books, and navigation.
* Medium and Low priority defects were observed in UI behaviour and user experience.

**5. Highlights / Major Findings:**

* External links are not functional (Homepage external links are not opening in new tabs).
* Navigation bar links are not properly redirected (Hold).
* Search functionality cannot be used without login (Hold).
* Login functionality does not display proper error messages.
* 'Show Password' feature is missing.
* Borrow and Return button functionality is missing for books.
* Footer links are either missing or not redirecting properly.
* Contact Us form/button is missing on the homepage.

**6. Conclusion:**

The application is **not ready for production** at this stage.  
Multiple **critical and high-priority issues** were identified that need immediate attention before proceeding further.

**7. Recommendations:**

* Fix login validation and proper error handling.
* Implement borrow and return functionalities for books.
* Correct footer link navigations and attach respective pages.
* Add a Contact Us form/button.
* Ensure all navigation and external links are working properly.
* Perform a complete UI/UX review after fixing major issues.