

Library Management System – Test Summary Report

Project Name

Library Management System (LMS)

Test Cycle Duration:

6/5/25 to 10/5/25

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1 Objective

To validate the functionality, usability, and reliability of the Library Management System across key modules including user login, book management, search, issue/return process, and footer navigation links.

2. Modules Covered

1. User Registration & Login
2. Book Search & Filtering
3. Borrow & Return Books
4. Admin – Add/Remove Books

5. Contact Us Form

6. Footer Links (e.g., About, Contact, Terms, FAQ, Social Links)

3. Test Coverage

Test type	Total case	Executed	Passed	Failed	Blocked
Functional testing	55	55	30	24	1
Ui testing	5	5	0	5	0
Footer link navigation	10	10	0	10	0

4. Key Defects Identified

Bug_id	Description	Severity	Status	
Bug_id_9	User not able to search the book	<u>High</u>	Open	

Bug_id_1 9	User unable to borrow the book	High	Open	
Bug_id41	User unable to click the Library rule link	High	Open	

5. Risks & Issues

- Footer links are not click able
- Response time for search is above acceptable limits (>2s).
- No confirmation message on successful logout.

6. Conclusion

The core functionalities of the Library Management System are not working as expected. However, minor usability and navigation bugs (particularly in footer links) and search bar were found and are under review. The system is considered post bug fixes.

