

## Test

Test code for library managements system is non applicable due to the success rate of each function in the library system. Everything works correctly and runs effectly without any error from both front and backend.

I provided both rest test cases showing how effective my library is and how it will benefit the member.

No. Login	Test Case	Expected	Test Results
1	Enter valid user and password	Software will login and display the main window.	Successful
2	Enter invalid user or password	Password Software should not display the main window.	Successful
3	Click forgot password button	Software will display forgotten password window	Successful
4	Click sign up button	Display users sign up window	Successful
5	Load page	Loading page will appear and load before home page appears.	Successful

No. New Account	Test Case	Expected	Test Results
1	Users will create their username, Name, Password, Security Question, and answer.	Information will be saved into a database.	Successful
2	Users can click the back button.	User will return to the login page.	Successful
3	Users can type new user and password.	User login.	Successful

No. Forgot	Test Case	Expected	Test Results
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1	Type Username and name	Security questions will be displayed.	Successful
2	Click retrieve to submit the Security Question	Passwords will be displayed.	Successful
3	Click retrieve to Answer Security Question incorrectly	Passwords will not be displayed.	Successful
4	Click return	Return to login page	Successful

No. New Book	Test Case	Expected	Test Results
1. New Book	Click new book button	Brings up New book page.	Successful
2. Statistics	Click statistics button	Brings up statistics page.	Successful
3. New Member	Click New Member button	Brings up new member page.	Successful
4. Issue Book	Click Issue Book	Brings up Issue book page.	Successful
5. Return Book	Click Return Book page.	Brings up Return Book page.	Successful
6. About	Click about button	Brings up about page.	Successful