**Test Plan**

\* For every feature, define a test case

1. How to run that feature

* We have two main actors in our system:
* • Librarian System: Mainly responsible for adding and modifying
* books, book items, and users and also contain data of overdue of
* books.
* • Student: All student can search the catalog, as well as check-out, reserve,
* renew, and return a book.
* Here are the use cases of the Library Management System:
* • Add/Remove/Edit book: To add, remove or modify a book or book item.
* • Search catalog: To search books by title, author, subject or publication date.

1. Define expected behaviour

• Register new account/cancel membership: To add a new member ,or cancel the membership of an existing member.

* Check-out book: To borrow a book from the library.

1. Capture the actual result

* Information regarding the book will be entered by the librarian and it can also be viewed or displayed.

**Table**

\*Description of Test case,

* All the entities like books, user, search book, add book, return

a book are normalized and reduce delicacy of records.

Input values, Expected Output,

* Book name
* Author name
* Number of pages
* Price

Actual Output

* Information regarding the book will be entered by the librarian and it can also be viewed or displayed.