**Business Rule**

1. A member can borrow up to 5 books at a time.
2. A book cannot be issued if its status is currently “checked out.”
3. Books must be returned within 14 days from the issue date.
4. A fine of $1 per day is applied if a book is returned after the due date and each fine is associated with a specific loan
5. Fines must be settled in full before the member can borrow any additional books.
6. New members must provide valid contact information upon registration.
7. Only active members can borrow books. Membership becomes inactive if the member has not paid any pending fines within 30 days of notification.
8. A loan record must be created by a staff member when issuing a book.
9. Each loan is associated with a unique book and member. (Data integrity)
10. When a book is returned, the return date in the loan record and availability status of book must be updated.
11. New categories can only be added by staff members.