

API Functionality

1. Librarian login.
2. Member login.
3. Fetch books catalog.
4. Search for book.
5. Reserve a book.
6. Register library account (for member).
7. Register library account (for librarian).
8. View profile.
9. Update profile.
10. Delete member account.
11. Delete librarian account.
12. View book borrowing history.
13. View currently reserved books.
14. View currently overdue books.
15. Make payment.
16. View most popular books.
17. View most popular genre.
18. View book.
19. Add book to catalog.
20. Update book.

21. Delete book.
22. Assign book to a member (who reserved it).
23. Unassign book from a member (who returned it).
24. Update availability status of a book.
25. Generate reports on library inventory.
26. Generate reports on available books.
27. Generate reports on check-out books.
28. Generate reports on overdue books.
29. Generate reports on fines.
30. Generate stats on borrowed books.
31. Generate stats on overdue books.
32. Generate stats on member borrowing trends.
33. View registered members.
34. View librarians.