

# App Functionality

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## Flutter Mobile App

1. Login.
2. Logout.
3. View books catalog.
4. Search books.
5. Reserve an available book.
6. Register for a library account.
7. View profile.
8. Update profile.
9. Access book borrowing history.
10. Access currently reserved books.
11. Access currently overdue books.
12. Make a payment.
13. View stats on most popular books.
14. View stats on most popular genre.

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## ASP.NET Core Razor Web App

1. View books in the catalog.
2. Add books to the catalog.
3. Update books in the catalog.
4. Delete books in the catalog.
5. Assign (check-out) a book to a member who reserved it.
6. Unassign (check-in) a book from a member who is returning it.
7. Update the availability status of a book.
8. Manage fine payments.
9. View reports on library inventory.
10. View reports on available books.
11. View reports on checked-out (borrowed) books.
12. View reports on overdue books.
13. View reports on fines.
14. View stats on most borrowed books.
15. View stats on popular genre.
16. View stats on member borrowing trends.
17. Login
18. Logout
19. View registered members.
20. View their profile.
21. Update their profile.
22. Delete member account.
23. View librarians.

24. Register librarian account.

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