

Linkkoning MAIN LIBRARY SYSTEM

Data Structures:

- book_genres: Tuple
- isbn_book_details: Dictionary
- members: List of Dictionary

Functions:

+ add_books (isbn_book_detail, book_genres)

+ add_members (members)

+ search_books (isbn_book_detail)

+ update_members (members)

+ delete_members (members)

+ borrow_book (members, isbn_book_detail)

+ return_book (members, isbn_book_detail)

+ update_book (isbn_book_details)

+ display_members (members)

+ display_books (isbn_book_details)

main Control:

+ main_menu() - Provides user interaction

Relationships:

- main_menu() calls all operation functions

- Members list interacts with dictionary data

- isbn_book_detail maps isbn to book info