Librarian:

* Manages library operations
* Can add/remove books, register members, issue/return books

Member:

* Library users who can search, borrow, and return books
* Has membership details

Book:

* Contains book information and availability status
* Core entity in the system

Transaction:

* Records all book borrowing activities
* Tracks issue dates, due dates, and fines

Basic Workflow:

* Librarian adds books and registers members
* Member searches for and requests books
* Librarian issues books (creates transaction record)
* Member returns books (updates transaction and calculates fines if applicable)
* System tracks book availability and member borrowing history

A screenshot of a computer

Description automatically generated