

Case3: Mini Library

Story:

Your client is a non-profit organization MiniLibrary. The background story is as below: MiniLibrary is an organization that promotes neighborhood book exchanges. It has more than 3,000 bookcases around the city.

Confirmed entities, attributes , and identifiers:

Books : *ISBN#, Copy#, Title, Author1, Author2, Year, Publisher.

BookCases : *Case#, Street, County.

Users : *UserID, Name, Address, Contact.

Log : *BookInfo, UserInfo, BookCaseInfo, TimeStamp, BorrowReturn

Confirmed Relationships:

A book must be placed in one book case, while a book case may contain many books.

A user may borrow or return one book or more, while a book must be returned or borrowed by one user.

A log must contain one book, while a book may exist in many logs

A user must have one log, while a log may contain many users

