Lexzander Saplan - 014177252
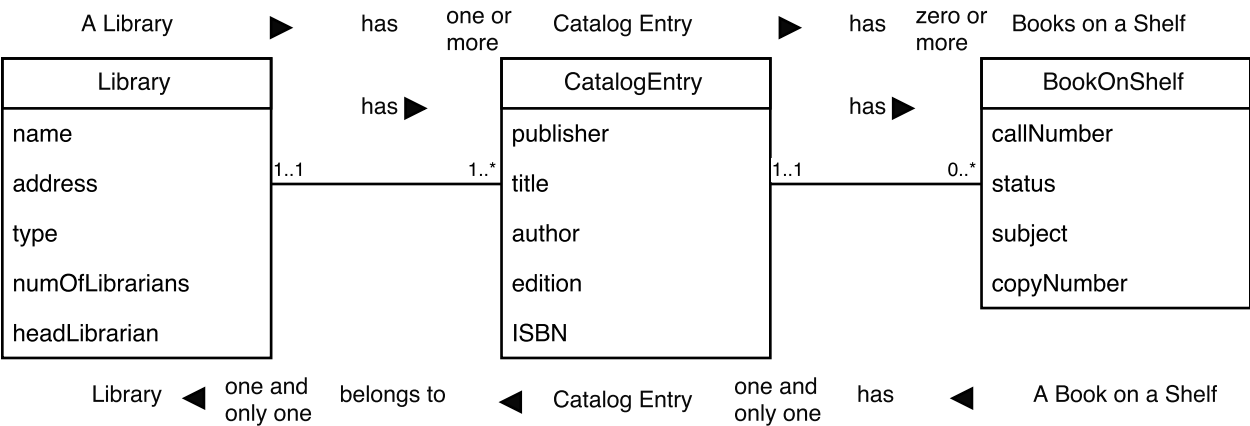CECS 323 - David Brown
Library Books Homework

English Descriptions

Library: A building containing a collection of books of different kinds monitored by employees who are very fond of books.

Catalog Entry: Details pertaining to a specific book using information that may uniquely identify it using a thirteen digit number along with who created the work, who released it to the public, and what the work is called.

Book on the Shelf: A specific book that may or may not be available found at a specific shelf location using a code. The book can have exact duplicates which can be distinguished using different copy identification numbers.

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UML Diagrams

Relational Scheme Diagram

Library

name	address	type	numOfLibrarians	headLibrarian
Primary Key				

1..1

CatalogEntry

1..*

Foreign Key					
libraryName	libraryAddress	ISBN	publisher	title	author
		Primary Key		Candidate Key	

1..1

0..*

BookOnShelf

Foreign Key					
callNumber	status	ISBN	subject	copyNumber	edition
Candidate Key				Primary Key	