

## SQL Database BookDB.Catalogue Table.

Field	Type
BookName	Varchar(50)
Author	Varchar(30)
Category	Varchar(10)
CategoryDescription	Varchar(50)
BookID	Varchar(20)
DateBorrowed	Date
DateDue	Date
BorrowerID	Varchar(20)
ISBN1	Varchar(30)
ISBN2	Varchar(30)
Copy	Int(5)
Location	Varchar(20)

Table is used to catalogue all books across the libraries by indexing regular information such as the books name, the ISBN numbers, category information and the number of copies of the book stored across multiple libraries.

## Java Book Object.

Field	Type
BookTitle	String
BookAuthors	String
Publisher	String
PublicationDate	String
PageCount	int
PrintType	String
MainCategory	String
LanguageDesignator	String
ISBN10	String
ISBN13	String
linkURLSmallThumbNail	String
linkURLLargeThumbNail	String

Java object is used to hold book fields across the libraries through an object which contains regular information such as the books name, the ISBN numbers, category information; all of this information is obtained from fields defined within the search engine API.

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