Book(ISBN, title, author, category, year)

PK: ISBN

Customer(customerid)

PK: customerid

BookStore(bookstoreid)

PK: bookstoreid

Library(libraryid)

PK: libraryid

BookStoreStorage(isbn, bookstoreid)

FK: isbn, bookstoreid

PK: isbn, bookstoreid

LibraryStorage(isbn, libraryid, bookid)

FK: isbn, bookstoreid

PK: isbn, bookstoreid, bookid

BookStoreOrder(isbn, bookstoreid, customerid)

FK: isbn, bookstoreid, customerid

PK: isbn, bookstoreid, customerid

LibraryOrder(isbn, bookstoreid, customerid)

FK: isbn, bookstoreid, customerid

PK: isbn, bookstoreid, customerid