

Normalization-Real-Life Web Application

BookTable

<u>bookId</u>	ISBN	title	genre	price	availability	status	<u>LibraryID</u>
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<u>bookId</u>	ISBN	title	genre	price	availability	status	<u>LibraryID</u>
1,3	9780,9781	The Hunger Games,he Brothers Karamazov	Fiction,Classic	12.99, 15.00	In stock	New	LIB001
2	9782	The Road	Post-apocalyptic	10.50	Out of stock	Used	LIB002

1NF

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1	9780	The Hunger Games	Fiction	12.99	In stock	New	LIB001
2	9781	The Road	Post-apocalyptic	10.50	Out of stock	Used	LIB002
3	9782	he Brothers Karamazov	Classic	15.00	In stock	New	LIB001

2NF
Book Table

LibraryInventory

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1	9780	The Hunger Games	Fiction	12.99	New
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<u>bookId</u>	availability	<u>Library ID</u>
1	In stock	LIB001
2	Out of stock	LIB002
3	In stock	LIB001

LibraryTable

<u>LibraryID</u>	name	location	contact	established year	<u>bookId</u>	<u>staff ID</u>
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<u>LibraryID</u>	name	location	contact	established year	<u>bookId</u>	staff ID
LIB001	Central Library	Muscat	91234567	1995	1,3	ST001,ST002
LIB003	Westside Library	sohar	92345678	2001	2	ST003

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LibraryBooksTable

<u>LibraryID</u>	<u>bookId</u>
LIB001	1
LIB003	2
LIB001	3

LibraryStaffTable

<u>LibraryID</u>	staff ID
LIB001	ST001
LIB003	ST003
LIB001	,ST002