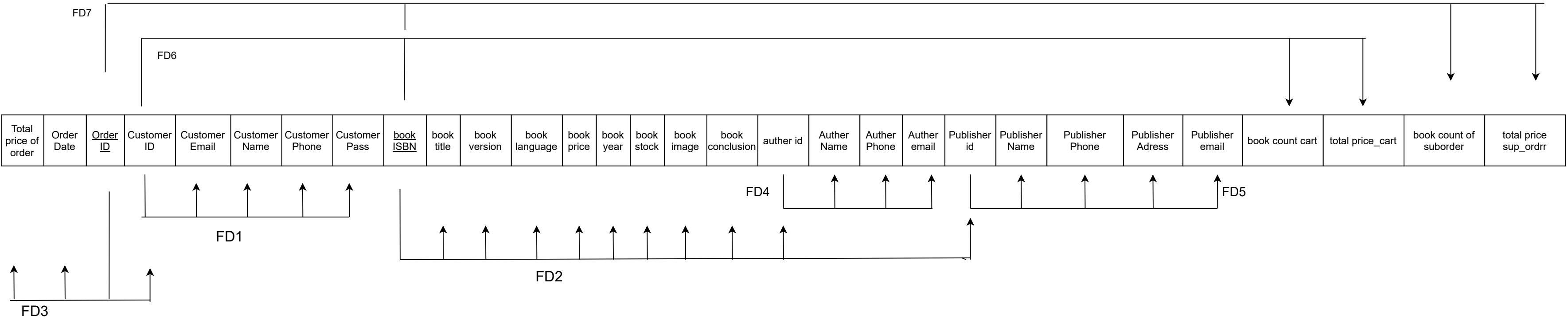


Book store

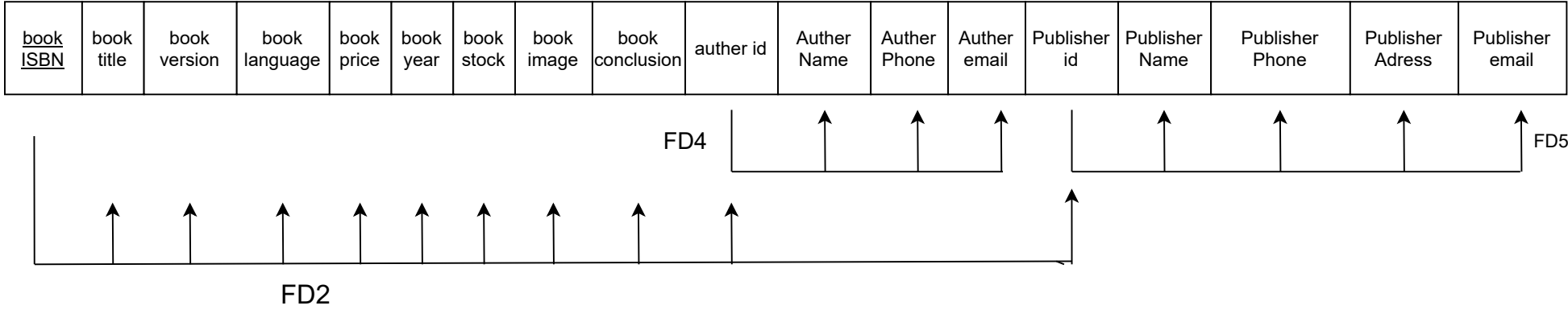


we perform normal forms (3) in book store :

1st NF: it hasn't multi value attributes, composite, and nested relation.

2nd NF: There are exist nonprime attributes in the table are dependent on partition of primary key:

in FD2 there are nonprime attribute dependent on partition of primary key (bookISBN)



3rd NF: There are exist nonprime attributes in the table are dependent on non primary attribute (Transitive functional dependency):

it hasn't problem in FD7

in FD4 there was nonprime attribute dependent on nonprime attribute(Author id)

in FD5 there was nonprime attribute dependent on nonprime attribute(Publisher id)

sub order

<u>Order ID</u>	<u>book ISBN</u>	book count of suborder	total price sup_ordrr
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author

<u>auther id</u>	Auther Name	Auther Phone	Auther email
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publisher

<u>Publisher id</u>	Publisher Name	Publisher Phone	Publisher Adress	Publisher email
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book

<u>book ISBN</u>	book title	book version	book language	book price	book year	book stock	book image	book conclusion	auther id	Publisher Name
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in FD1 there was nonprime attribute dependent on nonprime attribute(Customer id)

customer

<u>Customer ID</u>	Customer Email	Customer Name	Customer Phone	Customer Pass
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order

<u>Order ID</u>	Total price of order	Order Date	Customer ID
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Cart

<u>Customer ID</u>	<u>book ISBN</u>	book count cart	total price_cart
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it hasn't problem in FD6

in FD6 there are nonprime attribute dependent on partition of primary key (bookISBN)

