

1. Media

#	PK	FK	Column Name	DataType	Mandatory	Description
1	x		id	Integer	Yes	ID
2			category	VARCHAR(45)	Yes	Media type: CD, DVD, Book
3			price	Integer	Yes	Current price
4			quantity	Integer	Yes	Number of products
5			title	VARCHAR(45)	Yes	Product name
6			value	Integer	Yes	Value of product
7			imageURL	VARCHAR(45)	Yes	Product image path
8		x	DVD_id	Integer	Yes	DVD_id
9		x	CD_id	Integer	Yes	CD_id
10		x	Book_id	Integer	Yes	Book_id

2. CD

#	PK	FK	Column Name	DataType	Mandatory	Description
1	x	x	id	integer	yes	ID, same as ID of Media of which type is CD
2			artist	VARCHAR(45)	yes	Artist's name
3			recordLabel	VARCHAR(45)	Yes	Record Label
4			musicType	VARCHAR(45)	Yes	Music genres

5			releaseDate	DATE	No	Release Date
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3. Book

#	PK	FK	Column Name	DataType	Mandatory	Description
1	x	x	id	integer	yes	ID, same as ID of Media of which type is Book
2			author	VARCHAR(45)	yes	Author's name
3			coverType	VARCHAR(45)	Yes	Type of cover
4			publisher	VARCHAR(45)	Yes	Publishing house
5			publishDate	DATE	Yes	Date of publishing
6			numberOfPage	Integer	yes	Page Number
7			language	VARCHAR(45)	Yes	Language
8			bookCategory	VARCHAR(45)	Yes	Book category

4. DVD

#	PK	FK	Column Name	DataType	Mandatory	Description
1	x	x	id	integer	yes	ID, same as ID of Media of which type is DVD
2			discType	VARCHAR(45)	yes	Disc type
3			director	VARCHAR(45)	Yes	Director
4			runtime	Integer	Yes	Duration
5			studio	VARCHAR(45)	Yes	Manufacturer
6			subtitle	VARCHAR(45)	yes	Subtitle
7			releaseDate	DATE	Yes	Release date
8			Film Type	VARCHAR(45)	Yes	Genres

5. DeliveryInfo

#	PK	FK	Column Name	DataType	Mandatory	Description
1	x		id	Integer	Yes	ID, auto increment
2			name	VARCHAR(45)	Yes	Receiver name
3			province	VARCHAR(45)	Yes	Provinces
4			instructions	VARCHAR(200)	No	Delivery instructions
5			address	VARCHAR(100)	Yes	Delivery address
6		x	Order_Id	Integer	Yes	Order_Id
7		x	OrderDeliveryInfo_Id	Integer	Yes	OrderDeliveryInfo_Id

6. Order

#	PK	FK	Column Name	DataType	Mandatory	Description
1	x		id	Integer	Yes	ID
2			shippingFees	VARCHAR(45)	Yes	Shipping fee
3		x	deliveryInfoId	Integer	Yes	Delivery Info ID
4		x	Invoice_Id	Integer	Yes	Invoice_Id

7. OrderMedia

#	PK	FK	Column Name	DataType	Mandatory	Description
1	x	x	mediaID	Integer	Yes	Media ID
2	x	x	orderId	Integer	Yes	Order ID
3			price	Integer	Yes	Selling price

4			quantity	Integer	Yes	Number
5			Invoice_Id	Integer	Yes	Invoice_Id

8. Invoice

#	PK	FK	Column Name	Data Type	Mandatory	Description
1	x		id	Integer	Yes	ID
2			totalAmount	Integer	Yes	Total of money
3		x	orderId	Integer	Yes	Order ID

9. PaymentTransaction

#	PK	FK	Column Name	Data Type	Mandatory	Description
1	x		id	Integer	Yes	ID
2			createAt	DATETIME	Yes	Date time of creation
3			content	VARCHAR(45)	Yes	Transaction contents
4			method	VARCHAR(45)	Yes	Payment methods
5			cardNumber	Integer	Yes	Number of used card
6		x	Invoice_Id	Integer	Yes	Invoice ID