

PHYSICAL DATA MODEL

1. Media

#	PK	FK	Name	Data type	Not null	Description
1	x		id	INT	x	
2			category	VARCHAR(45)	x	
3			title	VARCHAR(45)	x	
4			price	INT	x	
5			quantity	VARCHAR(45)	x	
6			imageURL	VARCHAR(45)	x	

2. Book

#	PK	FK	Name	Data type	Not null	Description
1	x	x	mediaId	INT	x	connect to media
2			genre	VARCHAR(45)	x	
3			authors	VARCHAR(45)	x	
4			publisher	VARCHAR(45)	x	
5			publicationDate	DATE	x	
6			pages	INT		
7			cover	VARCHAR(45)		
8			language	VARCHAR(45)	x	

3. CD

#	PK	FK	Name	Data type	Not null	Description
1	x	x	mediaId	INT	x	connect to media
2			genre	VARCHAR(45)	x	
3			artists	VARCHAR(45)	x	
4			releaseDate	DATE	x	
5			tracklist	VARCHAR(45)		
6			recordLabel	VARCHAR(45)	x	

4. DVD

#	PK	FK	Name	Data type	Not null	Description
1	x	x	mediaId	INT	x	connect to media
2			type	VARCHAR(45)	x	
3			genre	VARCHAR(45)	x	
4			releaseDate	DATE	x	
5			studio	VARCHAR(45)	x	
6			director	VARCHAR(45)	x	
7			language	VARCHAR(45)	x	
8			subtitles	VARCHAR(45)	x	
9			runtime	INT	x	

5. Order

#	PK	FK	Name	Data type	Not null	Description
1	x		id	INT	x	
2			shippingFees	INT	x	

6. OrderMedia

#	PK	FK	Name	Data type	Not null	Description
1	x	x	mediaId	INT	x	connect to the media
2	x	x	orderId	INT	x	connect to the order
3			quantity	INT	x	
4			price	INT	x	

7. DeliveryInfo

#	PK	FK	Name	Data type	Not null	Description
1	x		id	INT	x	
2			name	VARCHAR(45)	x	
3			phone	VARCHAR(45)	x	
4			province	VARCHAR(45)	x	
5			email	VARCHAR(45)	x	
6			deliveryIntruction	VARCHAR(45)	x	
7			address	VARCHAR(45)	x	
8		x	orderId	INT	x	connect to the order

8. RushDeliveryInfo

#	PK	FK	Name	Data type	Not null	Description
1	x	x	deliveryInfold	INT	x	connect to the delivery info
2			pickupTime	INT	x	
3			content	VARCHAR(45)	x	

9. Invoice

#	PK	FK	Name	Data type	Not null	Description
1	x		id	INT	x	
2			total	INT	x	
3		x	orderId	INT	x	connect to the order

10. PaymentTransaction

#	PK	FK	Name	Data type	Not null	Description
1	x		id	INT	x	
2			content	VARCHAR(45)	x	
3			createdAt	DATETIME	x	
4		x	cardId	INT	x	connect to the card
5		x	invoiceId	INT	x	connect to the invoice

11. Card

#	PK	FK	Name	Data type	Not null	Description
1	x		id	INT	x	
2			owner	VARCHAR(45)	x	
3			expirationDate	DATE	x	
4			securityCode	VARCHAR(45)	x	