DATABASE DETAIL DESIGN

1. Table "Media"

#	PK	FK	Column Name	DataType	Mandatory	Desc
1	x		mediaID	char(10)	yes	Id, auto increment
2			title	varchar(127)	yes	Title of media
3			value	decimal	yes	Value of media
4			price	decimal	yes	Price of media
5			publicationDate	date	yes	
6			description	varchar(255)	yes	
7			stockEntryDate	date	yes	
8			dimension	varchar(127)	yes	
9			quantity	int	yes	

2. Table "DVD"

#	PK	FK	Column Name	DataType	Mandatory	Desc
1	x	x	mediaID	char(10)	yes	
2		x	DVDTypeID	char(10)	yes	
3		x	DVDCategoryID	char(10)	yes	
4			director	Varchar(127)	Yes	
5			studio	Varchar(127)	Yes	
6			runtime	time	Yes	
7			subtitle	Varchar(127)	Yes	
8			language	Varchar(50)	Yes	
9			category	Varchar(127)	Yes	

3. Table "Disc"

#	PK	FK	Column Name	DataType	Mandatory	Desc
1	x	x	mediaID	Char(10)	Yes	
2		x	discCategoryID	Char(10)	Yes	
3			artists	Varchar(127)	Yes	
4			category	Varchar(127)	Yes	
5			recordLable	Varchar(127)	Yes	

4. Table "Book"

#	PK	FK	Column Name	DataType	Mandatory	Desc
1	x	x	mediaID	Char(10)	Yes	
2		x	bookCategoryID	Char(10)	Yes	
3			author	Varchar(127)	Yes	
4			coverType	Varchar(127)	Yes	
5			pages	Int	Yes	
6			publisher	Varchar(127)	Yes	
7			category	Varchar(127)	Yes	
8			lanuage	Varchar(127)	Yes	

5. Table "DiscCategory"

#	PK	FK	Column Name	DataType	Mandatory	Desc
1	x		discCategoryID	Char(10)	Yes	
2			discCategoryName	Varchar(127)	Yes	

6. Table "ListSong"

#	PK	FK	Column Name	DataType	Mandatory	Desc
1	x	x	mediaID	Char(10)	Yes	
2	x	x	songID	Char(10)	Yes	

7. Table "Song"

#	PK	FK	Column Name	DataType	Mandatory	Desc
1	x		songID	Char(10)	Yes	
2			songName	Varchar(127)	Yes	

8. Table "DVDType"

#	PK	FK	Column Name	DataType	Mandatory	Desc
1	x		DVDTypeID	Char(10)	Yes	
2			DVDTypeName	Varchar(127)	Yes	

9. Table "DVDCategory"

#	PK	FK	Column Name	DataType	Mandatory	Desc
1	x		DVDCategoryID	Char(10)	Yes	
2			DVDCategoryName	Varchar(127)	Yes	

10. Table "BookCategory"

#	PK	FK	Column Name	DataType	Mandatory	Desc
1	x		bookCategoryID	Char(10)	Yes	
2			bookCategoryName	Varchar(127)	Yes	

11. Table "Invoice"

#	PK	FK	Column Name	DataType	Mandatory	Desc
1	x		invoiceID	Char(10)	Yes	
2			shippingFee	decimal	Yes	
3		x	transactionID	Char(10)	Yes	
4		x	deliveryID	Char(10)	Yes	
5			totalPrice	decimal	Yes	

12. Table "InvoiceDetail"

#	PK	FK	Column Name	DataType	Mandatory	Desc
1	x	x	mediaID	Char(10)	Yes	
2	x	x	invoiceID	Char(10)	Yes	
3			quantity	Int	Yes	
4			price	Decimal	Yes	

13. Table "PaymentTransaction"

#	PK	FK	Column Name	DataType	Mandatory	Desc
1	x		transactionID	Char(10)	Yes	
2			transactionTime	Time	Yes	
3			content	Varchar(127)	Yes	
4			balance	Decimal	Yes	
5			amountDeducted	Decimal	Yes	
6			holderName	Varchar(127)	Yes	
7			transactionDate	Date		

14. Table "DeliveryType"

#	PK	FK	Column Name	DataType	Mandatory	Desc
1	x		deliveryTypeID	Char(10)	Yes	
2			deliveryTypeName	Varchar(127)	Yes	

15. Table "DeliveryInfo"

#	PK	FK	Column Name	DataType	Mandatory	Desc
1	x		deliveryID	Char(10)	Yes	
2			deliveryInstruction	Varchar(127)	Yes	
3		x	deliveryTypeID	Char(10)	Yes	
4			receiverName	Varchar(127)	Yes	
5			phone	Char(10)	Yes	
6			city	Varchar(50)	Yes	
7			adddress	Varchar(127)	Yes	
8			receiverTime	Date	Yes	