

Relational Model:

Customer(Customer_ID, Phone, name, address)

Rent(Customer_ID, ItemID, Return Date, Rent Date)

Item(ItemID, Title, Release Date, Date Acquired, cust_ID)

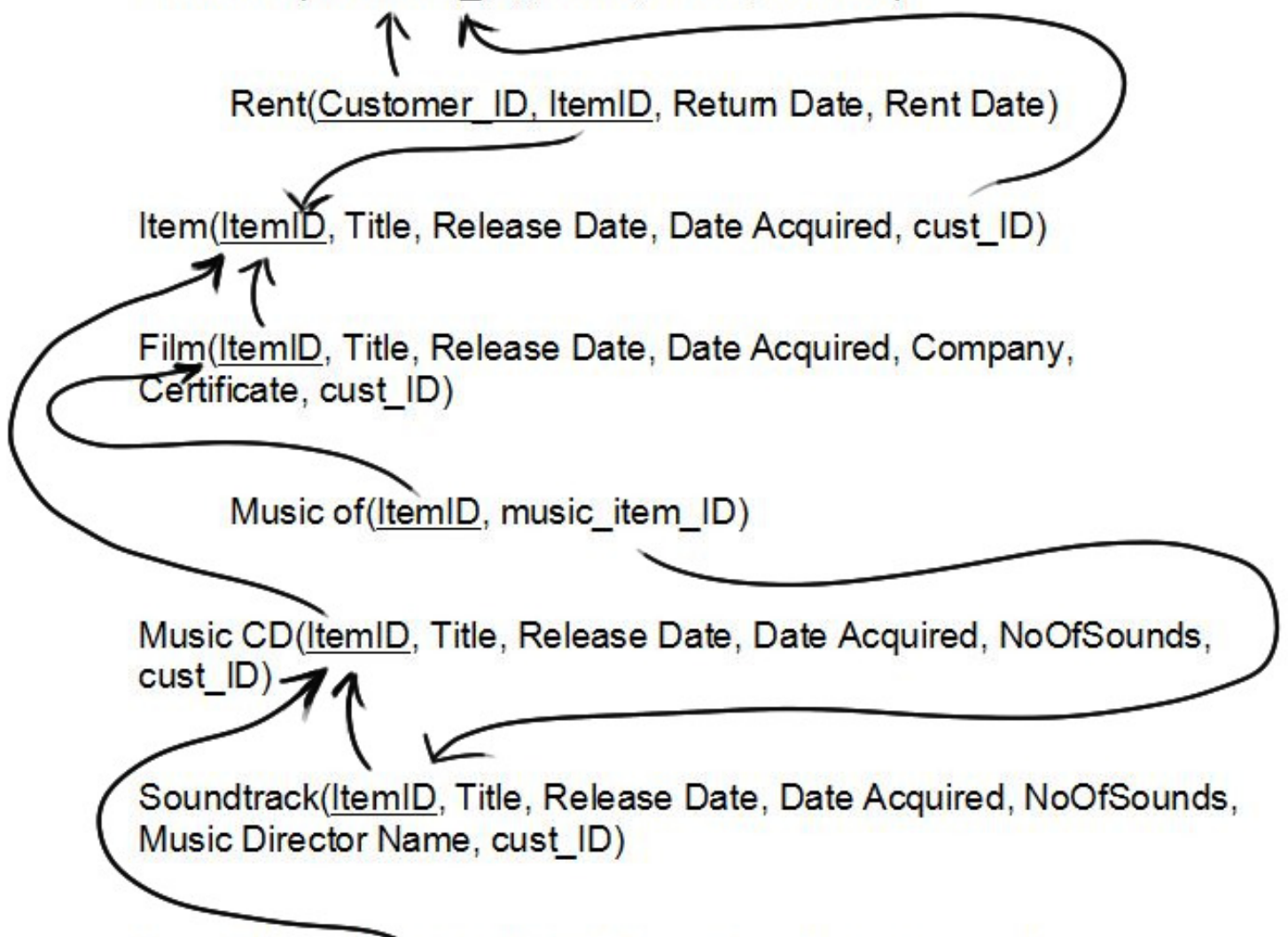
Film(ItemID, Title, Release Date, Date Acquired, Company,
Certificate, cust_ID)

Music of(ItemID, music_item_ID)

Music CD(ItemID, Title, Release Date, Date Acquired, NoOfSounds,
cust_ID)

Soundtrack(ItemID, Title, Release Date, Date Acquired, NoOfSounds,
Music Director Name, cust_ID)

Music Album(ItemID, Title, Release Date, Date Acquired,
NoOfSounds, Singer Name, cust_ID)



Views:

Create View Customer_View

```
Select Customer_ID, Name, Address, Phone  
From CUSTOMER
```

Create View Item_View

```
Select I.Item_ID, I.Title, I.Release_Date, I.Date_Acquired, I.cust_ID  
From ITEM as I, CUSTOMER as C, Rent as R  
Where I.cust_ID = C.Customer_ID, R.Customer_ID = C.Customer_ID, R.ItemID = I.ItemID
```

Create View Film_View

```
Select F.Item_ID, F.Title, F.Release_Date, F.Date_Acquired, F.cust_ID, F.Company, F.Certificate  
From FILM as F, ITEM as I  
Where F.Item_ID = I.Item_ID
```

Create View Music_CD_View

```
Select M.Item_ID, M.Title, M.Release_Date, M.Date_Acquired, M.cust_ID, M.NoOfSounds  
From MUSIC CD as M, ITEM as I  
Where M.Item_ID = I.Item_ID
```

Create View Music_Album_View

```
Select M.Item_ID, M.Title, M.Release_Date, M.Date_Acquired, M.cust_ID, M.NoOfSounds, M.Singer Name  
From MUSIC ALBUM as M, MUSIC CD as A  
Where M.Item_ID = A.Item_ID
```

Create View Sound_Track_View

```
Select S.Item_ID, S.Title, S.Release_Date, S.Date_Acquired, S.cust_ID, S.NoOfSounds, S.Music Director Name  
From SOUND TRACK as S, MUSIC CD as M, Music of as O, FILM as F  
Where S.Item_ID = M.Item_ID, O.ItemID = F.ItemID, O.music_item_ID = S.Item_ID
```