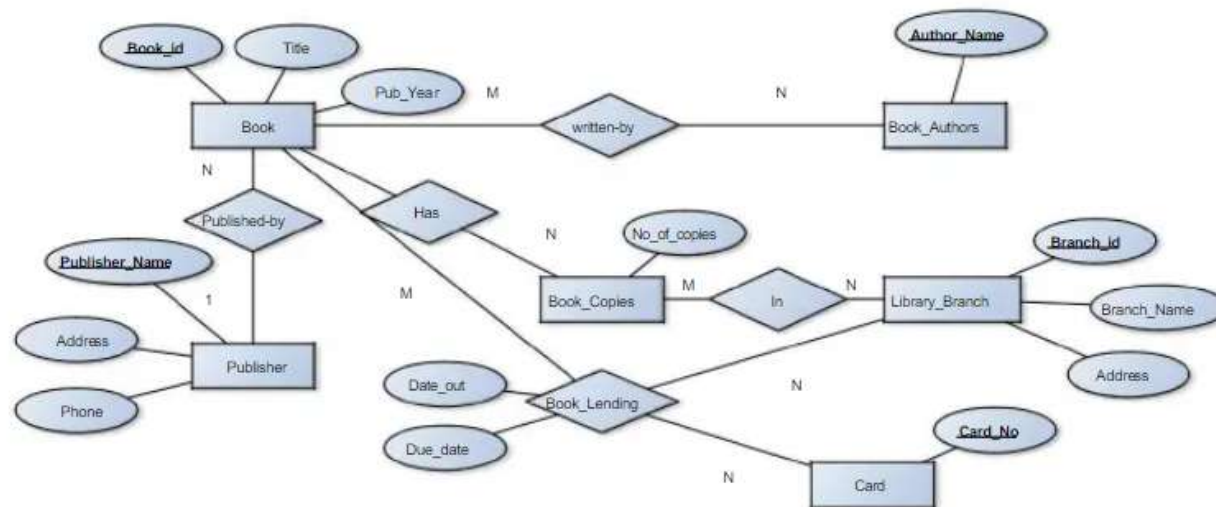


5. Create a view of all books and its number of copies that are currently available in the Library.

Solution:

Entity-Relationship Diagram



Schema Diagram

Book

<u>Book_id</u>	Title	Pub Year	Publisher Name
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Book_Authors

<u>Book_id</u>	<u>Author_name</u>
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Publisher

<u>Name</u>	Phone_no	Address
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Book_Copies

<u>Book_id</u>	<u>Branch_id</u>	No_of_Copies
----------------	------------------	--------------

Book_Lending

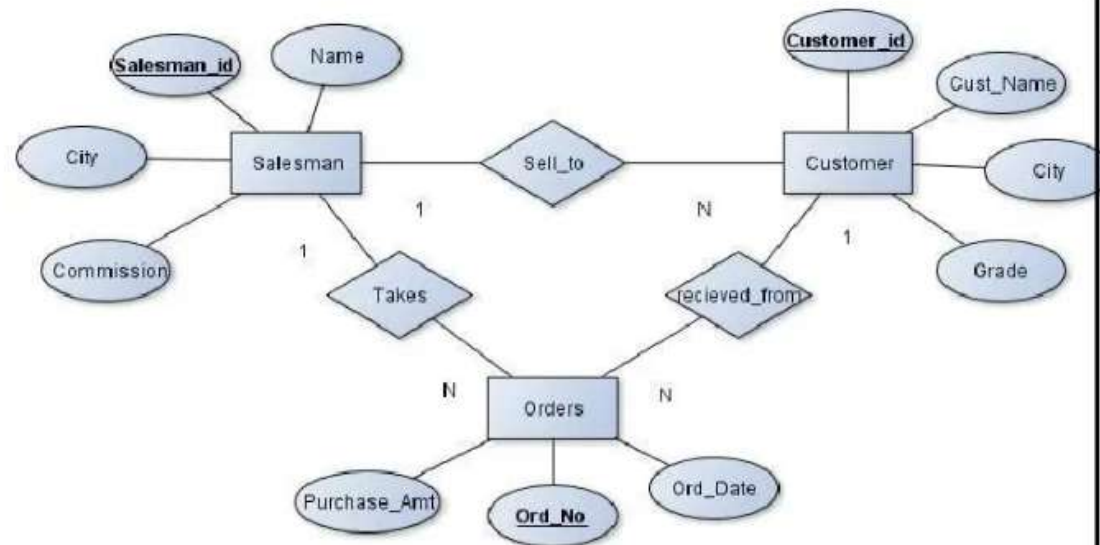
<u>Book_id</u>	<u>Branch_id</u>	<u>Card_no</u>	Date out	Due date
----------------	------------------	----------------	----------	----------

Library_Branch

<u>Branch_id</u>	Address	Branch_name
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Solution:

Entity-Relationship Diagram



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Schema Diagram

Salesman

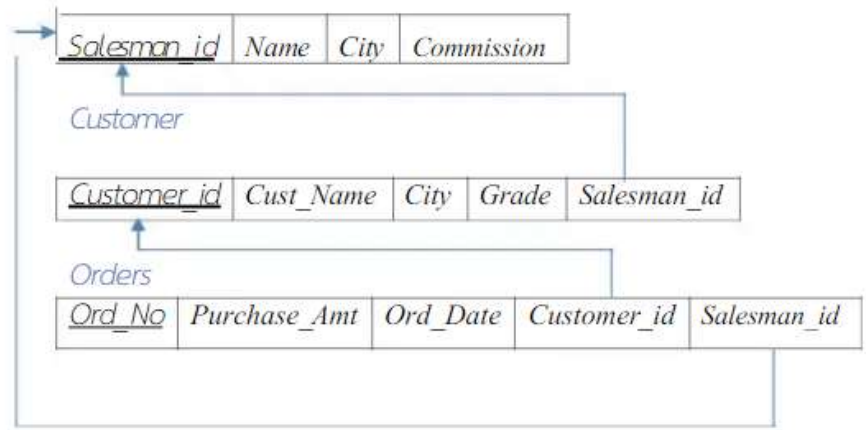
<u>Salesman_id</u>	Name	City	Commission
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Customer

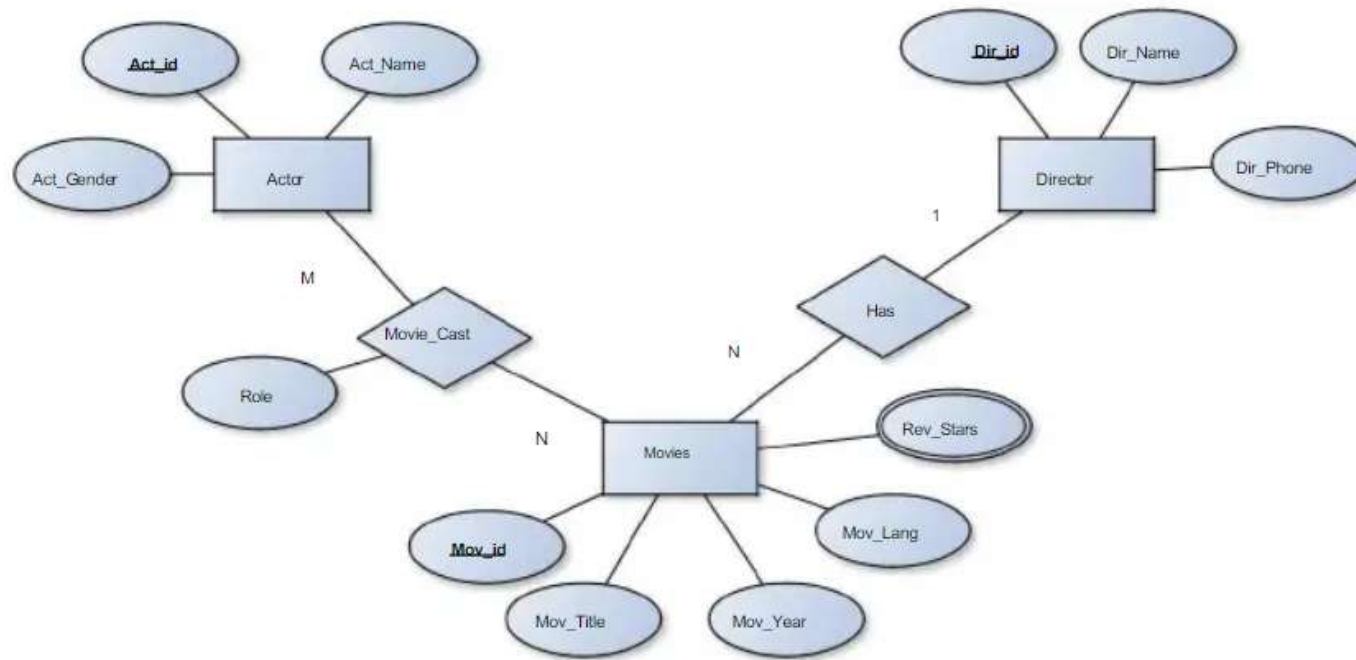
<u>Customer_id</u>	Cust_Name	City	Grade	Salesman_id
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Orders

<u>Ord_No</u>	Purchase_Amt	Ord_Date	Customer_id	Salesman_id
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Entity-Relationship Diagram



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Schema Diagram

Actor

<u>Act_id</u>	Act_Name	Act_Gender
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Director

<u>Dir_id</u>	Dir_Name	Dir_Phone
---------------	----------	-----------

Movies

<u>Mov_id</u>	Mov_Title	Mov_Year	Mov_Lang	Dir_id
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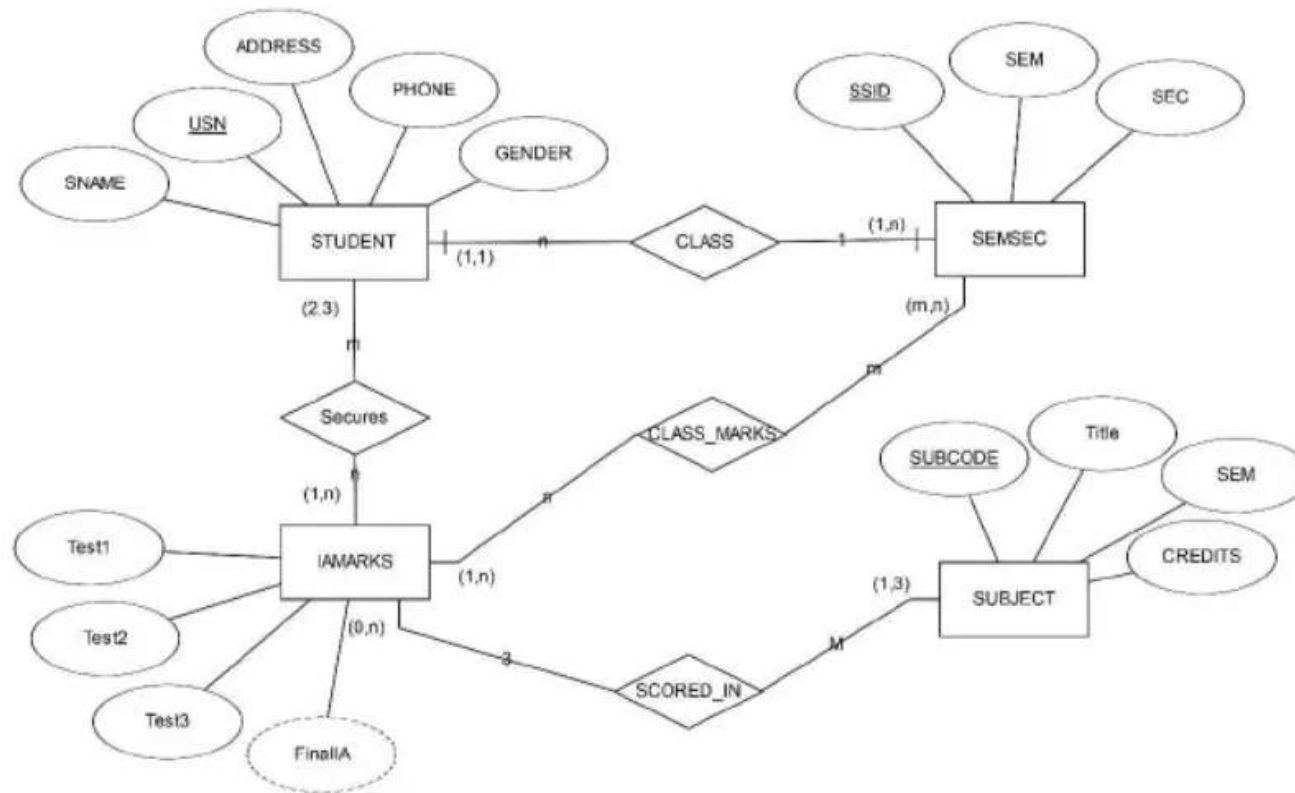
Movie Cast

<u>Act_id</u>	<u>Mov_id</u>	Role
---------------	---------------	------

Rating

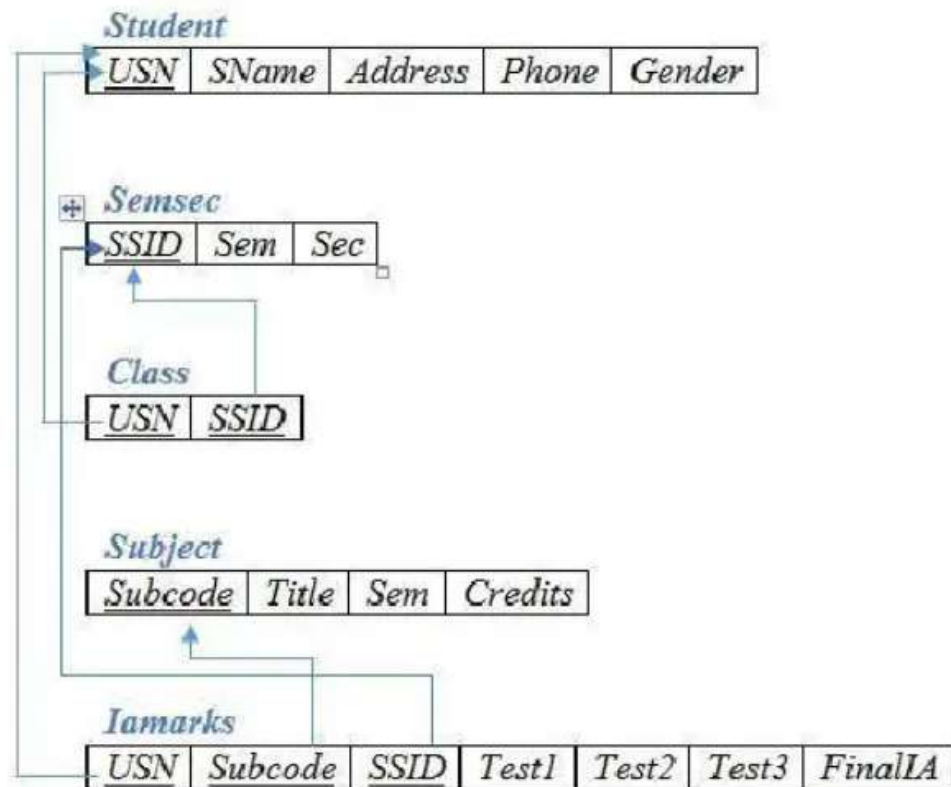
<u>Mov_id</u>	Rev_Stars
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Entity - Relationship Diagram

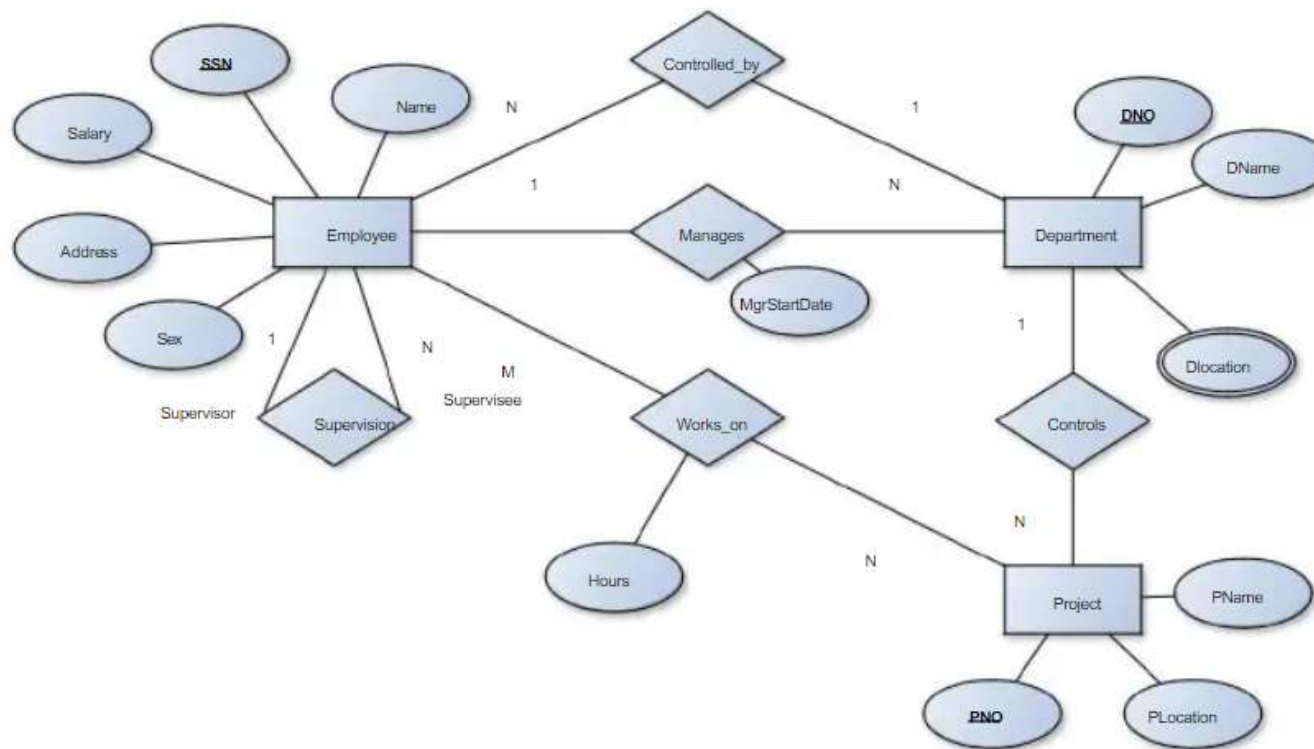


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Schema Diagram



Entity-Relationship Diagram



Schema Diagram

