LIBRARY MANAGEMENT SYSTEM ER DIAGRAM

Books		
PK	book_id	int
	isbn	int(13)
	title	varchar(100)
	genre	varchar(100)
FK	author_id	int
	publication_date	date
	available_copies	int

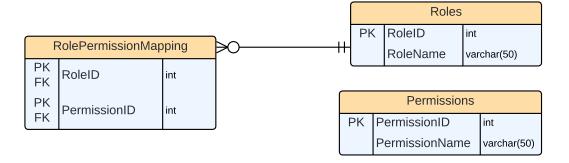
Transactions		
PK	transaction_id	int
FK	book_id	int
FK	borrower_id	int
	transaction_date	date
	return_date	date
	fine_ammount	int

Book Author		
PK FK	book_ISBN	int
PK FK	author_id	int(13)

Authors		
PK	author_id	int
	author_name	varchar(100)
	nationality	varchar(100)
	dob	date

Borrowers		
PK	borrower_id	int
	email	varchar(100)
	borrower_name	varchar(255)
	address	varchar(255)
	phone_number	varchar(12)

ROLE-BASED ACCESS CONTROL ER DIAGRAM



SOCIAL MEDIA PLATFORM ER DIAGRAM

Users		
PK	userID	int
	username	varchar(50)
	email	varchar(100)

	Posts		
PK	PostID	int	
FK	UserID	int	
	Content	text	

Comments		
PK	CommentID	int
FK	UserID	int
FK	PostID	int
	Content	text

Likes		
PK	LikeID	int
FK	UserID	int
FK	PostID	int

BY: