

Book_Authors		
string	ISBN	PK,FK
int	AuthorID	PK,FK

DigitalAccessLogs		
int	AccessID	PK
int	UserID	FK
int	AssetID	FK
string	AccessTimestamp	
string	IPAddress	

accessed by

borrowed by

Loans		
int	LoanID	PK
string	ISBN	FK
int	UserID	FK
int	StaffID	FK
string	IssueDate	
string	DueDate	
string	ReturnDate	
enum	Status	

Readers		
int	UserID	PK
string	FirstName	
string	LastName	
string	Email	UK
string	PhoneNumber	
string	Address	
string	JoinDate	

Staffs		
int	StaffID	PK
string	StaffName	
string	LoginID	UK
string	Password	
bool	CanManageDigital	

references

DigitalAssets		
int	AssetID	PK
string	ISBN	FK
enum	FileFormat	
decimal	FileSizeMB	
string	DownloadURL	
enum	AccessLevel	

digital version of

Books		
string	ISBN	PK
string	Title	
string	Edition	
decimal	Price	
enum	BookType	
int	PublisherID	FK
int	CategoryID	FK

written by

Authors		
int	AuthorID	PK
string	FirstName	
string	LastName	
string	Biography	

published by

Publishers		
int	PublisherID	PK
string	PublisherName	
int	YearOfPublication	

belongs to

Categories		
int	CategoryID	PK
string	CategoryName	