

Table: Author		
Column	Data type	Constraints
AuthorID	INTEGER	•PRIMARY KEY AUTOINCREMENT
Name	VARCHAR	
Country	VARCHAR	

Table: Author			
#	AuthorID INTEGER	Name VARCHAR	Country VARCHAR
0	1	J.K. Rowling	United Kingdom
1	2	Guru Sharma	India

Table: Book		
Column	Data type	Constraints
BookID	INTEGER	•PRIMARY KEY AUTOINCREMENT
Title	VARCHAR	
ISBN	VARCHAR	•UNIQUE
Genre	VARCHAR	
PublishedYear	INT	
PublisherID	INT	
Global table constraints		
•FOREIGN KEY (PublisherID) REFERENCES Publisher(PublisherID)		

Table: Book						
#	BookID INTEGER	Title VARCHAR	ISBN VARCHAR	Genre VARCHAR	Published Year INT	PublisherID INT
0	1	Harry Potter and the Sorcerer's Stone	9780439708180	Fantasy	1997	1
1	2	I say the truth	9780451524935	Biopic	2008	2

Table: Book_Author		
Column	Data type	Constraints
BookID	INT	
AuthorID	INT	
Global table constraints		
<ul style="list-style-type: none"> •PRIMARY KEY (BookID, AuthorID) •FOREIGN KEY (BookID) REFERENCES Book(BookID) •FOREIGN KEY (AuthorID) REFERENCES Author(AuthorID) 		

Table:		
#	BookID INT	AuthorID INT
0	1	1
1	2	2

Table: Borrow		
Column	Data type	Constraints
BorrowID	INTEGER	•PRIMARY KEY AUTOINCREMENT
BookID	INT	
MemberID	INT	
BorrowDate	DATE	
ReturnDate	DATE	
Global table constraints		
<ul style="list-style-type: none"> •FOREIGN KEY (BookID) REFERENCES Book(BookID) •FOREIGN KEY (MemberID) REFERENCES Member(MemberID) 		

Table: Borrow					
#	<i>BorrowID</i> INTEGER	<i>BookID</i> INT	<i>MemberID</i> INT	<i>BorrowDate</i> DATE	<i>ReturnDate</i> DATE
0	2	2	2	2023-04-01	2023-04-13

Table: Member		
Column	Data type	Constraints
<i>MemberID</i>	INTEGER	•PRIMARY KEY AUTOINCREMENT
<i>Name</i>	VARCHAR	
<i>Email</i>	VARCHAR	•UNIQUE
<i>JoinDate</i>	DATE	

Table: Member				
#	MemberID INTEGER	Name VARCHAR	Email VARCHAR	JoinDate DATE
0	1	Alice Johnson	alice.johnson1999@gmail.com	2023-01-10
1	2	George Smore	bob@example.com	2023-02-15

Table: Publisher		
Column	Data type	Constraints
PublisherID	INTEGER	•PRIMARY KEY AUTOINCREMENT
Name	VARCHAR	
Address	TEXT	

Table: Publisher			
#	PublisherID INT EGER	Name V ARCHAR	Address T EXT
0	1	Penguin Random House	New York, USA
1	2	HarperCollins Publishers	London, UK

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