

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

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_Author		
Column	Data type	Constraints
BookID	INT	
AuthorID	INT	
Global table constraints		
•PRIMARY KEY (BookID, AuthorID) •FOREIGN KEY (BookID) REFERENCES Book(BookID) •FOREIGN KEY (AuthorID) REFERENCES Author(AuthorID)		

Table: Borrow		
Column	Data type	Constraints

<i>BorrowID</i>	<i>INTEGER</i>	•PRIMARY KEY AUTOINCREMENT
<i>BookID</i>	<i>INT</i>	
<i>MemberID</i>	<i>INT</i>	
<i>BorrowDate</i>	<i>DATE</i>	
<i>ReturnDate</i>	<i>DATE</i>	
<i>Global table constraints</i>		
•FOREIGN KEY ( <i>BookID</i> ) REFERENCES <i>Book</i> ( <i>BookID</i> ) •FOREIGN KEY ( <i>MemberID</i> ) REFERENCES <i>Member</i> ( <i>MemberID</i> )		

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

<b>Table: Publisher</b>		
<i>Column</i>	<i>Data type</i>	<i>Constraints</i>
<i>PublisherID</i>	<i>INTEGER</i>	•PRIMARY KEY AUTOINCREMENT
<i>Name</i>	<i>VARCHAR</i>	
<i>Address</i>	<i>TEXT</i>	

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