

Table of contents
-------------------

1 authors	Page number: 2
2 bookpublishers	Page number: 3
3 books	Page number: 4
4 categories	Page number: 5
5 customers	Page number: 6
6 orderitems	Page number: 7
7 orders	Page number: 8
8 publishers	Page number: 9
9 replies	Page number: 10
10 reviews	Page number: 11
11 sale	Page number: 12
12 stock	Page number: 13
13 stock_transactions	Page number: 14
14 suppliers	Page number: 15
15 Relational schema	Page number: 16

1 authors

Creation: Dec 08, 2024 at 12:33 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
AuthorID	int(11)		No		auto_increment			
Name	varchar(255)		No					
Bio	text		Yes	NULL				
DateOfBirth	date		Yes	NULL				

## 2 bookpublishers

Creation: Dec 08, 2024 at 12:34 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
BookID	int(11)		No		auto_increment			
PublisherID	int(11)		No					

## 3 books

Creation: Dec 26, 2024 at 08:50 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
BookID	int(11)		No		auto_increment			
Title	varchar(255)		No					
AuthorID	int(11)		Yes	NULL		-> authors.AuthorID ON UPDATE RESTRICT ON DELETE SET_NULL		
CategoryID	int(11)		Yes	NULL		-> categories.CategoryID ON UPDATE RESTRICT ON DELETE SET_NULL		
Price	decimal(10, 2)		No					
ImportPrice	decimal(10, 2)		Yes	NULL				
PublishedDate	date		Yes	NULL				
Description	text		Yes	NULL				
CoverImageUrl	varchar(255)		Yes	NULL				
SupplierID	int(11)		Yes	NULL		-> suppliers.SupplierID ON UPDATE RESTRICT ON DELETE SET_NULL		

4 categories

Creation: Dec 08, 2024 at 12:34 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
CategoryID	int(11)		No		auto_increment			
CategoryName	varchar(255)		No					

5 customers

Creation: Dec 08, 2024 at 12:34 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
CustomerID	int(11)		No		auto_increment			
FullName	varchar(255)		No					
Email	varchar(255)		No					
Password	varchar(255)		No					
Phone	varchar(20)		Yes	NULL				
Address	text		Yes	NULL				
Role	enum('Admin', 'Customer')		Yes	Customer				

6 orderitems

Creation: Dec 28, 2024 at 09:47 AM  
Last update: Jul 14, 2025 at 03:37 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
OrderItemID	int(11)		No		auto_increment			
OrderID	int(11)		Yes	NULL		-> orders.OrderID ON UPDATE RESTRICT ON DELETE CASCADE		
BookID	int(11)		Yes	NULL		-> books.BookID ON UPDATE RESTRICT ON DELETE CASCADE		
Quantity	int(11)		No					
UnitPrice	decimal(10, 2)		No					

# 7 orders

Creation: Dec 28, 2024 at 10:19 AM  
 Last update: Jul 14, 2025 at 03:37 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
OrderID	int(11)		No		auto_increment			
CustomerID	int(11)		Yes	NULL		-> customers.CustomerID ON UPDATE RESTRICT ON DELETE SET_NULL		
OrderDate	datetime		Yes	current_timestamp()				
TotalAmount	decimal(10, 2)		No					
Status	enum('Pending', 'Shipped', 'Delivered', 'Cancelled')		Yes	Pending				
SaleID	int(11)		Yes	NULL		-> sale.SaleID ON UPDATE RESTRICT ON DELETE SET_NULL		



8 publishers

Creation: Dec 08, 2024 at 12:35 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
PublisherID	int(11)		No		auto_increment			
Name	varchar(255)		No					
Address	text		Yes	NULL				
ContactInfo	varchar(100)		Yes	NULL				

9 replies

Creation: Dec 18, 2024 at 10:26 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
ReplyID	int(11)		No		auto_increment			
ReviewID	int(11)		No			-> reviews.ReviewID ON UPDATE RESTRICT ON DELETE CASCADE		
AdminID	int(11)		Yes	NULL		-> customers.CustomerID ON UPDATE RESTRICT ON DELETE SET_NULL		
ReplyContent	text		No					
ReplyDate	datetime		Yes	current_timestamp()				

10 reviews

Creation: Dec 08, 2024 at 12:35 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
ReviewID	int(11)		No		auto_increment			
BookID	int(11)		Yes	NULL		-> books.BookID ON UPDATE RESTRICT ON DELETE CASCADE		
CustomerID	int(11)		Yes	NULL		-> customers.CustomerID ON UPDATE RESTRICT ON DELETE CASCADE		
Rating	int(11)		Yes	NULL				
Comment	text		Yes	NULL				
ReviewDate	datetime		Yes	current_tim estamp()				

11 sale

Creation: Dec 28, 2024 at 10:19 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
SaleID	int(11)		No		auto_increment			
DiscountAmount	decimal(10,2)		No					
MinQuantity	int(11)		No					
MaxQuantity	int(11)		Yes	NULL				

12 stock

Creation: Dec 21, 2024 at 08:31 AM  
Last update: Jul 14, 2025 at 03:37 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
StockID	int(11)		No		auto_increment			
BookID	int(11)		No			-> books.BookID ON UPDATE RESTRICT ON DELETE CASCADE		
Quantity	int(11)		No	0				

## 13 stock\_transactions

Creation: Dec 21, 2024 at 05:07 PM  
Last update: Jul 14, 2025 at 03:37 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
TransactionID	int(11)		No		auto_increment			
BookID	int(11)		No			-> books.BookID ON UPDATE RESTRICT ON DELETE CASCADE		
TransactionType	enum('Import', 'Export')		No					
Quantity	int(11)		No					
PricePerUnit	decimal(10, 2)		Yes	NULL				
TransactionDate	datetime		Yes	current_timestamp()				
SupplierID	int(11)		Yes	NULL		-> suppliers.SupplierID ON UPDATE RESTRICT ON DELETE SET_NULL		
Remarks	text		Yes	NULL				

# 14 suppliers

Creation: Dec 21, 2024 at 08:32 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
SupplierID	int(11)		No		auto_increment			
Name	varchar(255)		No					
ContactInfo	varchar(255)		Yes	NULL				
Address	text		Yes	NULL				
Email	varchar(255)		Yes	NULL				
Phone	varchar(20)		Yes	NULL				

