

novella_bookstore.localhost

Servers

Servers 1

 novella_bookstore.localhost

novella_bookstore.localhost

Databases 1



novella_bookstore

Properties

Name	Value
Product	MySQL
Version	9.5.0
Version Comment	MySQL Community Server - GPL
Version Compile Machine	x86_64
Version Compile Os	Win64
Collation	utf8mb4_0900_ai_ci
Hostname	localhost
Port	3306
Base Directory	C:\Program Files\MySQL\MySQL Server 9.5\

Databases

Databases 1



novella_bookstore

Properties

Name	Value
Collation	utf8mb4_0900_ai_ci

Object Types 1

[Tables](#)

Tables

Objects 4

Name	Description
tbl_books	
tbl_customers	
tbl_order_details	
tbl_orders	

tbl_books

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	6
Average Row Length	0
Charset	utf8mb4
Collation	utf8mb4_0900_ai_ci
Row Format	Default
Min Rows	0
Max Rows	0
Checksum	False
Page Checksum	True
Pack Keys	False
Delay Key Write	False
Is Partitioned	False
Encryption	False
Persistent Statistics	DEFAULT
Auto Recalculate Statistics	DEFAULT
Sample Pages	0
Created	12/22/2025 10:51:52 AM
Last Modified	12/22/2025 10:51:53 AM

Columns ③

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
 	PK_book_id	INT		11		False	False	False	True	True		False	False	
	book_title	VARCHAR	225			False	False	False	True	False		False	False	
	book_price	DECIMAL	10	2		False	False	False	True	False		False	False	

Indexes ②

Key	Name	Columns	Unique	Type	Key Lengths
		PK_book_id	True	None	0
	PK_book_id	PK_book_id	True	None	0

SQL Script

```
CREATE TABLE tbl_books (
    PK_book_id int NOT NULL AUTO_INCREMENT,
    book_title varchar(225) NOT NULL,
    book_price decimal(10, 2) NOT NULL,
    PRIMARY KEY (PK_book_id),
    UNIQUE INDEX PK_book_id (PK_book_id)
)
ENGINE = INNODB,
CHARACTER SET utf8mb4,
COLLATE utf8mb4_0900_ai_ci;
```

Depends On

No items found

Used By ①



[tbl_order_details](#)

tbl_customers

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	6
Average Row Length	0
Charset	utf8mb4
Collation	utf8mb4_0900_ai_ci
Row Format	Default
Min Rows	0
Max Rows	0
Checksum	False
Page Checksum	True
Pack Keys	False
Delay Key Write	False
Is Partitioned	False
Encryption	False
Persistent Statistics	DEFAULT
Auto Recalculate Statistics	DEFAULT
Sample Pages	0
Created	12/22/2025 10:51:52 AM
Last Modified	12/22/2025 10:51:53 AM

Columns ④

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
PK	PK_customer_id	INT		11		False	False	False	True	True		False	False	
	customer_name	VARCHAR	225			False	False	False	True	False		False	False	
	customer_address	VARCHAR	225			False	False	False	True	False		False	False	
	customer_phone_no	VARCHAR	20			False	False	False	True	False		False	False	

Indexes ②

Key	Name	Columns	Unique	Type	Key Lengths
PK		PK_customer_id	True	None	0
	PK_customer_id	PK_customer_id	True	None	0

SQL Script

```
CREATE TABLE tbl_customers (
    PK_customer_id int NOT NULL AUTO_INCREMENT,
    customer_name varchar(225) NOT NULL,
    customer_address varchar(225) NOT NULL,
    customer_phone_no varchar(20) NOT NULL,
    PRIMARY KEY (PK_customer_id),
    UNIQUE INDEX PK_customer_id (PK_customer_id)
)
ENGINE = INNODB,
CHARACTER SET utf8mb4,
COLLATE utf8mb4_0900_ai_ci;
```

Depends On

No items found

Used By 1

 [tbl_orders](#)

tbl_order_details

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	6
Average Row Length	0
Charset	utf8mb4
Collation	utf8mb4_0900_ai_ci
Row Format	Default
Min Rows	0
Max Rows	0
Checksum	False
Page Checksum	True
Pack Keys	False
Delay Key Write	False
Is Partitioned	False
Encryption	False
Persistent Statistics	DEFAULT
Auto Recalculate Statistics	DEFAULT
Sample Pages	0
Created	12/22/2025 10:51:52 AM
Last Modified	12/22/2025 10:51:53 AM

Columns 4

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
PK	PK_order_details_id	INT		11		False	False	False	True	True		False	False	
	book_quantity	INT		11		False	False	False	True	False		False	False	
PK	PK_order_id	INT		11		False	False	False	True	False		False	False	
PK	PK_book_id	INT		11		False	False	False	True	False		False	False	

Indexes 4

Key	Name	Columns	Unique	Type	Key Lengths
PK		PK_order_details_id	True	None	0

	PK_order_details_id	PK_order_details_id	True	None	0
	PK_order_id	PK_order_id	False	None	0
	PK_book_id	PK_book_id	False	None	0

Foreign Keys ②

Name	Columns	Delete Rule	Update Rule
tbl_order_details_ibfk_1	PK_order_id	N/S	N/S
tbl_order_details_ibfk_2	PK_book_id	N/S	N/S

SQL Script

```

CREATE TABLE tbl_order_details (
    PK_order_details_id int NOT NULL AUTO_INCREMENT,
    book_quantity int NOT NULL,
    PK_order_id int NOT NULL,
    PK_book_id int NOT NULL,
    PRIMARY KEY (PK_order_details_id),
    UNIQUE INDEX PK_order_details_id (PK_order_details_id)
)
ENGINE = INNODB,
CHARACTER SET utf8mb4,
COLLATE utf8mb4_0900_ai_ci;

ALTER TABLE tbl_order_details
ADD CONSTRAINT tbl_order_details_ibfk_1 FOREIGN KEY (PK_order_id)
REFERENCES tbl_orders (PK_order_id);

ALTER TABLE tbl_order_details
ADD CONSTRAINT tbl_order_details_ibfk_2 FOREIGN KEY (PK_book_id)
REFERENCES tbl_books (PK_book_id);

```

Depends On ②



Used By

No items found

tbl_orders

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	6
Average Row Length	0
Charset	utf8mb4
Collation	utf8mb4_0900_ai_ci
Row Format	Default
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Columns ③

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
	PK_order_id	INT		11		False	False	False	True	True		False	False	
	order_date	DATE		0		False	False	False	True	False		False	False	
	PK_customer_id	INT	11			False	False	False	True	False		False	False	

Indexes ③

Key	Name	Columns	Unique	Type	Key Lengths
		PK_order_id	True	None	0
	PK_order_id	PK_order_id	True	None	0

	PK_customer_id	PK_customer_id	False	None	0
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Foreign Keys ①

Name	Columns	Delete Rule	Update Rule
tbl_orders_ibfk_1	PK_customer_id	N/S	N/S

SQL Script

```

CREATE TABLE tbl_orders (
    PK_order_id int NOT NULL AUTO_INCREMENT,
    order_date date NOT NULL,
    PK_customer_id int NOT NULL,
    PRIMARY KEY (PK_order_id),
    UNIQUE INDEX PK_order_id (PK_order_id)
)
ENGINE = INNODB,
CHARACTER SET utf8mb4,
COLLATE utf8mb4_0900_ai_ci;

ALTER TABLE tbl_orders
ADD CONSTRAINT tbl_orders_ibfk_1 FOREIGN KEY (PK_customer_id)
REFERENCES tbl_customers (PK_customer_id);

```

Depends On ①



Used By ①

