

MySQL83

Servers

Servers 1

 MySQL83

MySQL83

Databases 1

 bullseyedb2023

Properties

Name	Value
Product	MySQL
Version	8.3.0
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 8.3\

Databases

Databases 1

 bullseyedb2023

bullseyedb2023

Properties

Name	Value
Collation	utf8mb4_0900_ai_ci

Object Types 1



Tables

Objects 15

Name	Description
category	
delivery	
employee	
inventory	
item	
posn	
province	
site	
supplier	
txn	
txnaudit	
txnítems	
txnstatus	
txntype	
vehicle	

category

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	0
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	2024-11-19 8:43:17 AM
Last Modified	0001-01-01 12:00:00 AM

Columns

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
	categoryName	VARCHAR	32			False	False	False	True	False		False	False	

Indexes

Key	Name	Columns	Unique	Type	Key Lengths
		categoryName	True	None	0

SQL Script

```

CREATE TABLE category (
    categoryName varchar(32) NOT NULL,
    PRIMARY KEY (categoryName)
)
ENGINE = INNODB,
CHARACTER SET utf8mb4,

```

COLLATE utf8mb4_0900_ai_ci;

Depends On

No items found

Used By 1



item

delivery

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	21
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	2024-11-19 8:43:17 AM
Last Modified	0001-01-01 12:00:00 AM

Columns

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
	deliveryID	INT		11		False	False	False	True	True		False	False	
	distanceCost	DECIMAL		10	2	False	False	False	True	False		False	False	
	vehicleType	VARCHAR	20			False	False	False	True	False		False	False	
	notes	VARCHAR	255			False	False	False	False	False	NULL	False	False	

Indexes

Key	Name	Columns	Unique	Type	Key Lengths
		deliveryID	True	None	0
	vehicleType	vehicleType	False	None	0

Foreign Keys

Name	Columns	Delete Rule	Update Rule
delivery_ibfk_1	vehicleType	N/S	N/S

SQL Script

```
CREATE TABLE delivery (
    deliveryID int NOT NULL AUTO_INCREMENT,
    distanceCost decimal(10, 2) NOT NULL,
    vehicleType varchar(20) NOT NULL,
    notes varchar(255) DEFAULT NULL,
    PRIMARY KEY (deliveryID)
)
ENGINE = INNODB,
CHARACTER SET utf8mb4,
COLLATE utf8mb4_0900_ai_ci;

ALTER TABLE delivery
ADD CONSTRAINT delivery_ibfk_1 FOREIGN KEY (vehicleType)
REFERENCES vehicle (vehicleType);
```

Depends On 1



vehicle

Used By 2



txn

txnaudit

employee

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	1015
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	2024-11-19 8:43:17 AM
Last Modified	0001-01-01 12:00:00 AM

Columns

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
	employeeID	INT		11		False	False	False	True	True		False	False	
	Password	VARCHAR	32			False	False	False	True	False		False	False	
	FirstName	VARCHAR	20			False	False	False	True	False		False	False	
	LastName	VARCHAR	20			False	False	False	True	False		False	False	
	Email	VARCHAR	100			False	False	False	False	False	NULL	False	False	
	active	TINYINT		1		False	False	False	True	False		False	False	
	PositionID	INT		11		False	False	False	True	False		False	False	

	siteID	INT	11			False	False	False	True	False		False	False
--	--------	-----	----	--	--	-------	-------	-------	------	-------	--	-------	-------

Indexes

Key	Name	Columns	Unique	Type	Key Lengths
		employeeID	True	None	0
	PositionID	PositionID	False	None	0
	siteID	siteID	False	None	0

Foreign Keys

Name	Columns	Delete Rule	Update Rule
employee_ibfk_1	positionID	N/S	N/S
employee_ibfk_2	siteID	N/S	N/S

SQL Script

```

CREATE TABLE employee (
    employeeID int NOT NULL AUTO_INCREMENT,
    Password varchar(32) NOT NULL,
    FirstName varchar(20) NOT NULL,
    LastName varchar(20) NOT NULL,
    Email varchar(100) DEFAULT NULL,
    active tinyint(1) NOT NULL,
    PositionID int NOT NULL,
    siteID int NOT NULL,
    PRIMARY KEY (employeeID)
)
ENGINE = INNODB,
CHARACTER SET utf8mb4,
COLLATE utf8mb4_0900_ai_ci;

ALTER TABLE employee
ADD CONSTRAINT employee_ibfk_1 FOREIGN KEY (PositionID)
REFERENCES posn (positionID);

ALTER TABLE employee
ADD CONSTRAINT employee_ibfk_2 FOREIGN KEY (siteID)
REFERENCES site (siteID);

```

Depends On ②

- posn
- site

Used By

No items found

inventory

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	0
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	2024-11-19 8:43:17 AM
Last Modified	0001-01-01 12:00:00 AM

Columns

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
	itemID	INT		11		False	False	False	True	False		False	False	
	sitID	INT		11		False	False	False	True	False		False	False	
	quantity	INT		11		False	False	False	True	False		False	False	
	itemLocation	VARCHAR	9			False	False	False	True	False		False	False	
	reorderThreshold	INT		11		False	False	False	False	False	NULL	False	False	
	maxReorderWarning	INT		11		False	False	False	True	False		False	False	

Indexes

Key	Name	Columns	Unique	Type	Key Lengths

		itemID, siteID	True	None	0, 0
	siteID	siteID	False	None	0

Foreign Keys

Name	Columns	Delete Rule	Update Rule
inventory_ibfk_1	itemID	N/S	N/S
inventory_ibfk_2	siteID	N/S	N/S

SQL Script

```

CREATE TABLE inventory (
    itemID int NOT NULL,
    siteID int NOT NULL,
    quantity int NOT NULL,
    itemLocation varchar(9) NOT NULL,
    reorderThreshold int DEFAULT NULL,
    maxReorderWarning int NOT NULL,
    PRIMARY KEY (itemID, siteID)
)
ENGINE = INNODB,
CHARACTER SET utf8mb4,
COLLATE utf8mb4_0900_ai_ci;

ALTER TABLE inventory
ADD CONSTRAINT inventory_ibfk_1 FOREIGN KEY (itemID)
REFERENCES item (itemID);

ALTER TABLE inventory
ADD CONSTRAINT inventory_ibfk_2 FOREIGN KEY (siteID)
REFERENCES site (siteID);

```

Depends On ②

- item
- site

Used By

No items found

item

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	10999
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	2024-11-19 8:43:17 AM
Last Modified	0001-01-01 12:00:00 AM

Columns

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
	itemID	INT		11		False	False	False	True	True		False	False	
	name	VARCHAR	100			False	False	False	True	False		False	False	
	sku	VARCHAR	20			False	False	False	True	False		False	False	
	description	VARCHAR	255			False	False	False	False	False	NULL	False	False	
	category	VARCHAR	32			False	False	False	True	False		False	False	
	weight	DECIMAL		10	2	False	False	False	True	False		False	False	
	caseSize	INT		11		False	False	False	True	False		False	False	
	costPrice	DECIMAL		10	2	False	False	False	True	False		False	False	

	retailPrice	DECIMAL		10	2	False	False	False	True	False		False	False	
	supplierID	INT		11		False	False	False	True	False		False	False	
	active	TINYINT		1		False	False	False	True	False		False	False	
	notes	VARCHAR	255			False	False	False	False	False	NULL	False	False	

Indexes

Key	Name	Columns	Unique	Type	Key Lengths
		itemID	True	None	0
	supplierID	supplierID	False	None	0
	category	category	False	None	0

Foreign Keys

Name	Columns	Delete Rule	Update Rule
item_ibfk_1	supplierID	N/S	N/S
item_ibfk_2	categoryName	N/S	N/S

SQL Script

```

CREATE TABLE item (
    itemID int NOT NULL AUTO_INCREMENT,
    name varchar(100) NOT NULL,
    sku varchar(20) NOT NULL,
    description varchar(255) DEFAULT NULL,
    category varchar(32) NOT NULL,
    weight decimal(10, 2) NOT NULL,
    caseSize int NOT NULL,
    costPrice decimal(10, 2) NOT NULL,
    retailPrice decimal(10, 2) NOT NULL,
    supplierID int NOT NULL,
    active tinyint(1) NOT NULL,
    notes varchar(255) DEFAULT NULL,
    PRIMARY KEY (itemID)
)
ENGINE = INNODB,
CHARACTER SET utf8mb4,
COLLATE utf8mb4_0900_ai_ci;

ALTER TABLE item
ADD CONSTRAINT item_ibfk_1 FOREIGN KEY (supplierID)
REFERENCES supplier (supplierID);

ALTER TABLE item
ADD CONSTRAINT item_ibfk_2 FOREIGN KEY (category)
REFERENCES category (categoryName);

```

Depends On ②



Used By ②



posn

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	100000000
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	2024-11-19 8:43:17 AM
Last Modified	0001-01-01 12:00:00 AM

Columns

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
	positionID	INT		11		False	False	False	True	True		False	False	
	permissionLevel	VARCHAR	20			False	False	False	True	False		False	False	

Indexes

Key	Name	Columns	Unique	Type	Key Lengths
		positionID	True	None	0

SQL Script

```
CREATE TABLE posn (
  positionID int NOT NULL AUTO_INCREMENT,
  permissionLevel varchar(20) NOT NULL,
  PRIMARY KEY (positionID)
```

```
ENGINE = INNODB,  
CHARACTER SET utf8mb4,  
COLLATE utf8mb4_0900_ai_ci;
```

Depends On

No items found

Used By 1



employee

province

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	0
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	2024-11-19 8:43:17 AM
Last Modified	0001-01-01 12:00:00 AM

Columns

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
PK	provinceID	VARCHAR	2			False	False	False	True	False		False	False	
	provinceName	VARCHAR	20			False	False	False	True	False		False	False	
	countryCode	VARCHAR	50			False	False	False	True	False		False	False	

Indexes

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

SQL Script

```
CREATE TABLE province (
    provinceID varchar(2) NOT NULL,
```

```
provinceName varchar(20) NOT NULL,  
countryCode varchar(50) NOT NULL,  
PRIMARY KEY (provinceID)  
)  
ENGINE = INNODB,  
CHARACTER SET utf8mb4,  
COLLATE utf8mb4_0900_ai_ci;
```

Depends On

No items found

Used By ②

-  [site](#)
-  [supplier](#)

site

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	11
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	2024-11-19 8:43:17 AM
Last Modified	0001-01-01 12:00:00 AM

Columns

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
	sitelD	INT		11		False	False	False	True	True		False	False	
	name	VARCHAR	50			False	False	False	True	False		False	False	
	provincelD	VARCHAR	2			False	False	False	True	False		False	False	
	address	VARCHAR	50			False	False	False	True	False		False	False	
	address2	VARCHAR	50			False	False	False	False	False	NULL	False	False	
	city	VARCHAR	50			False	False	False	True	False		False	False	
	country	VARCHAR	50			False	False	False	True	False		False	False	
	postalCode	VARCHAR	14			False	False	False	True	False		False	False	
	phone	VARCHAR	14			False	False	False	True	False		False	False	

	dayOfWeek	VARCHAR	50		False	False	False	True	False	False	NULL	False	False	
	distanceFromWH	INT		11	False	False	False	True	False	False		False	False	
	notes	VARCHAR	255		False	False	False	False	False	False	NULL	False	False	

Indexes

Key	Name	Columns	Unique	Type	Key Lengths
		siteID	True	None	0
	provincelD	provincelD	False	None	0

Foreign Keys

Name	Columns	Delete Rule	Update Rule
site_ibfk_1	provincelD	N/S	N/S

SQL Script

```

CREATE TABLE site (
    siteID int NOT NULL AUTO_INCREMENT,
    name varchar(50) NOT NULL,
    provinceID varchar(2) NOT NULL,
    address varchar(50) NOT NULL,
    address2 varchar(50) DEFAULT NULL,
    city varchar(50) NOT NULL,
    country varchar(50) NOT NULL,
    postalCode varchar(14) NOT NULL,
    phone varchar(14) NOT NULL,
    dayOfWeek varchar(50) DEFAULT NULL,
    distanceFromWH int NOT NULL,
    notes varchar(255) DEFAULT NULL,
    PRIMARY KEY (siteID)
)
ENGINE = INNODB,
CHARACTER SET utf8mb4,
COLLATE utf8mb4_0900_ai_ci;

ALTER TABLE site
ADD CONSTRAINT site_ibfk_1 FOREIGN KEY (provinceID)
REFERENCES province (provinceID);

```

Depends On ①



province

Used By ④



supplier

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	100000
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	2024-11-19 8:43:17 AM
Last Modified	0001-01-01 12:00:00 AM

Columns

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
	supplierID	INT		11		False	False	False	True	True		False	False	
	name	VARCHAR	50			False	False	False	True	False		False	False	
	address1	VARCHAR	50			False	False	False	True	False		False	False	
	address2	VARCHAR	50			False	False	False	False	False	NULL	False	False	
	city	VARCHAR	50			False	False	False	True	False		False	False	
	country	VARCHAR	50			False	False	False	True	False		False	False	
	province	VARCHAR	2			False	False	False	True	False		False	False	
	postalcode	VARCHAR	11			False	False	False	True	False		False	False	

	phone	VARCHAR	14			False	False	False	True	False		False	False	
	contact	VARCHAR	100			False	False	False	False	False	NULL	False	False	

Indexes

Key	Name	Columns	Unique	Type	Key Lengths
PK		supplierID	True	None	0
	province	province	False	None	0

Foreign Keys

Name	Columns	Delete Rule	Update Rule
supplier_ibfk_1	provinceID	N/S	N/S

SQL Script

```

CREATE TABLE supplier (
    supplierID int NOT NULL AUTO_INCREMENT,
    name varchar(50) NOT NULL,
    address1 varchar(50) NOT NULL,
    address2 varchar(50) DEFAULT NULL,
    city varchar(50) NOT NULL,
    country varchar(50) NOT NULL,
    province varchar(2) NOT NULL,
    postalcode varchar(11) NOT NULL,
    phone varchar(14) NOT NULL,
    contact varchar(100) DEFAULT NULL,
    PRIMARY KEY (supplierID)
)
ENGINE = INNODB,
CHARACTER SET utf8mb4,
COLLATE utf8mb4_0900_ai_ci;

ALTER TABLE supplier
ADD CONSTRAINT supplier_ibfk_1 FOREIGN KEY (province)
REFERENCES province (provinceID);

```

Depends On ①



province

Used By ①



item

txn

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	215
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	2024-11-19 8:43:17 AM
Last Modified	2001-01-01 12:00:00 AM

Columns

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
PK	txnID	INT		11		False	False	False	True	True			False	False
CK	sitelIDTo	INT		11		False	False	False	True	False			False	False
CK	sitelIDFrom	INT		11		False	False	False	True	False			False	False
CK	status	VARCHAR	20			False	False	False	True	False			False	False
	shipDate	DATETIME		0		False	False	False	True	False			False	False
CK	txnType	VARCHAR	20			False	False	False	True	False			False	False
	barCode	VARCHAR	50			False	False	False	True	False			False	False
	createdDate	DATETIME		0		False	False	False	True	False			False	False

	deliveryID	INT		11		False	False	False	False	False	NULL	False	False	
	emergencyDelivery	TINYINT		1		False	False	False	False	False	NULL	False	False	

Indexes

Key	Name	Columns	Unique	Type	Key Lengths
		txnlD	True	None	0
	siteIDTo	siteIDTo	False	None	0
	siteIDFrom	siteIDFrom	False	None	0
	status	status	False	None	0
	txnType	txnType	False	None	0
	deliveryID	deliveryID	False	None	0

Foreign Keys

Name	Columns	Delete Rule	Update Rule
txn_ibfk_1	siteID	N/S	N/S
txn_ibfk_2	siteID	N/S	N/S
txn_ibfk_3	statusName	N/S	N/S
txn_ibfk_4	txnType	N/S	N/S
txn_ibfk_5	deliveryID	N/S	N/S

SQL Script

```

CREATE TABLE txn (
    txnlD int NOT NULL AUTO_INCREMENT,
    siteIDTo int NOT NULL,
    siteIDFrom int NOT NULL,
    status varchar(20) NOT NULL,
    shipDate datetime NOT NULL,
    txnType varchar(20) NOT NULL,
    barCode varchar(50) NOT NULL,
    createdDate datetime NOT NULL,
    deliveryID int DEFAULT NULL,
    emergencyDelivery tinyint(1) DEFAULT NULL,
    PRIMARY KEY (txnlD)
)
ENGINE = INNODB,
CHARACTER SET utf8mb4,
COLLATE utf8mb4_0900_ai_ci;

ALTER TABLE txn
ADD CONSTRAINT txn_ibfk_1 FOREIGN KEY (siteIDTo)
REFERENCES site (siteID);

ALTER TABLE txn
ADD CONSTRAINT txn_ibfk_2 FOREIGN KEY (siteIDFrom)
REFERENCES site (siteID);

ALTER TABLE txn
ADD CONSTRAINT txn_ibfk_3 FOREIGN KEY (status)
REFERENCES txnstatus (statusName);

ALTER TABLE txn
ADD CONSTRAINT txn_ibfk_4 FOREIGN KEY (txnType)
REFERENCES txntype (txnType);

ALTER TABLE txn
ADD CONSTRAINT txn_ibfk_5 FOREIGN KEY (deliveryID)
REFERENCES delivery (deliveryID);

```

Depends On ④

-  [delivery](#)
-  [site](#)
-  [txnstatus](#)
-  [txntype](#)

Used By ①

-  [txnimts](#)

txnaudit

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	0
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	2024-11-19 8:43:17 AM
Last Modified	2001-01-01 12:00:00 AM

Columns

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
PK	txnauditID	INT		11		False	False	False	True	True		False	False	
	txnID	INT		11		False	False	False	True	False		False	False	
CK	txnType	VARCHAR	20			False	False	False	True	False		False	False	
	status	VARCHAR	20			False	False	False	True	False		False	False	
	txnDate	DATETIME		0		False	False	False	True	False		False	False	
CK	SiteID	INT		11		False	False	False	True	False		False	False	
CK	deliveryID	INT		11		False	False	False	False	False	NULL	False	False	

Indexes

Key	Name	Columns	Unique	Type	Key Lengths
PK		txnauditID	True	None	0
	txnType	txnType	False	None	0
	SiteID	SiteID	False	None	0
	deliveryID	deliveryID	False	None	0

Foreign Keys

Name	Columns	Delete Rule	Update Rule
txnaudit_ibfk_1	txnType	N/S	N/S
txnaudit_ibfk_2	siteID	N/S	N/S
txnaudit_ibfk_3	deliveryID	N/S	N/S

SQL Script

```
CREATE TABLE txnaudit (
    txnauditID int NOT NULL AUTO_INCREMENT,
    txnid int NOT NULL,
    txnType varchar(20) NOT NULL,
    status varchar(20) NOT NULL,
    txnDate datetime NOT NULL,
    SiteID int NOT NULL,
    deliveryID int DEFAULT NULL,
    PRIMARY KEY (txnauditID)
)
ENGINE = INNODB,
CHARACTER SET utf8mb4,
COLLATE utf8mb4_0900_ai_ci;

ALTER TABLE txnaudit
ADD CONSTRAINT txnaudit_ibfk_1 FOREIGN KEY (txnType)
REFERENCES txntype (txnType);

ALTER TABLE txnaudit
ADD CONSTRAINT txnaudit_ibfk_2 FOREIGN KEY (SiteID)
REFERENCES site (siteID);

ALTER TABLE txnaudit
ADD CONSTRAINT txnaudit_ibfk_3 FOREIGN KEY (deliveryID)
REFERENCES delivery (deliveryID);
```

Depends On ③

-  delivery
-  site
-  txntype

Used By

No items found

txnítems

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	0
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	2024-11-19 8:43:17 AM
Last Modified	0001-01-01 12:00:00 AM

Columns

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
	txníD	INT		11		False	False	False	True	False		False	False	
	ItemID	INT		11		False	False	False	True	False		False	False	
	quantity	INT		11		False	False	False	True	False		False	False	

Indexes

Key	Name	Columns	Unique	Type	Key Lengths
		txníD, ItemID	True	None	0, 0

	ItemID	ItemID	False	None	0
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Foreign Keys

Name	Columns	Delete Rule	Update Rule
txnitems_ibfk_1	txnID	N/S	N/S
txnitems_ibfk_2	itemID	N/S	N/S

SQL Script

```

CREATE TABLE txnitems (
    txnID int NOT NULL,
    ItemID int NOT NULL,
    quantity int NOT NULL,
    PRIMARY KEY (txnID, ItemID)
)
ENGINE = INNODB,
CHARACTER SET utf8mb4,
COLLATE utf8mb4_0900_ai_ci;

ALTER TABLE txnitems
ADD CONSTRAINT txnitems_ibfk_1 FOREIGN KEY (txnID)
REFERENCES txn (txnID);

ALTER TABLE txnitems
ADD CONSTRAINT txnitems_ibfk_2 FOREIGN KEY (ItemID)
REFERENCES item (itemID);

```

Depends On ②

-  item
-  txn

Used By

No items found

txnstatus

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	0
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	2024-11-19 8:43:17 AM
Last Modified	2001-01-01 12:00:00 AM

Columns

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
	statusName	VARCHAR	20			False	False	False	True	False		False	False	
	statusDescription	VARCHAR	100			False	False	False	True	False		False	False	

Indexes

Key	Name	Columns	Unique	Type	Key Lengths
		statusName	True	None	0

SQL Script

```
CREATE TABLE txnstatus (
    statusName varchar(20) NOT NULL,
    statusDescription varchar(100) NOT NULL,
    PRIMARY KEY (statusName)
```

ENGINE = INNODB,
CHARACTER SET utf8mb4,
COLLATE utf8mb4_0900_ai_ci;

Depends On

No items found

Used By 1



txn

txntype

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	0
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	2024-11-19 8:43:17 AM
Last Modified	0001-01-01 12:00:00 AM

Columns

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
PK	txntype	VARCHAR	20			False	False	False	True	False		False	False	

Indexes

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

SQL Script

```
CREATE TABLE txntype (
  txntype varchar(20) NOT NULL,
  PRIMARY KEY (txntype)
)
```

```
ENGINE = INNODB,  
CHARACTER SET utf8mb4,  
COLLATE utf8mb4_0900_ai_ci;
```

Depends On

No items found

Used By ②

-  [txn](#)
-  [txaudit](#)

vehicle

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	0
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	2024-11-19 8:43:17 AM
Last Modified	2001-01-01 12:00:00 AM

Columns

Key	Name	Data Type	Length	Precision	Scale	Unsigned	Zerofill	Binary	Not Null	Auto Increment	Default	Virtual	Invisible	Description
PK	vehicleType	VARCHAR	20			False	False	False	True	False		False	False	
	maxWeight	DECIMAL		10	0	False	False	False	True	False		False	False	
	HourlyTruckCost	DECIMAL		10	2	False	False	False	True	False		False	False	
	costPerKm	DECIMAL		10	2	False	False	False	True	False		False	False	
	notes	VARCHAR	255			False	False	False	True	False		False	False	

Indexes

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

SQL Script

```
CREATE TABLE vehicle (
    vehicleType varchar(20) NOT NULL,
    maxWeight decimal(10, 0) NOT NULL,
    HourlyTruckCost decimal(10, 2) NOT NULL,
    costPerKm decimal(10, 2) NOT NULL,
    notes varchar(255) NOT NULL,
    PRIMARY KEY (vehicleType)
)
ENGINE = INNODB,
CHARACTER SET utf8mb4,
COLLATE utf8mb4_0900_ai_ci;
```

Depends On

No items found

Used By 1



delivery