

Table of contents

1 category	Page number: 2
2 delivery	Page number: 3
3 employee	Page number: 4
4 inventory	Page number: 5
5 item	Page number: 6
6 permission	Page number: 7
7 posn	Page number: 8
8 province	Page number: 9
9 site	Page number: 10
10 sitetype	Page number: 11
11 supplier	Page number: 12
12 txn	Page number: 13
13 txnaudit	Page number: 14
14 txnitems	Page number: 15
15 txnstatus	Page number: 16
16 txntype	Page number: 17
17 user_permission	Page number: 18
18 vehicle	Page number: 19
19 Relational schema	Page number: 20

1 category

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
categoryName	varchar(32)		No					

2 delivery

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
deliveryID	int		No		auto_increment			
distanceCost	decimal(10, 2)		No					
vehicleType	varchar(20)		No			-> vehicle.vehicleType ON UPDATE RESTRICT ON DELETE RESTRICT		
notes	varchar(255)		Yes	NULL				

3 employee

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
employeeID	int		No					
username	varchar(32)		No					
password	varchar(32)		No					
firstName	varchar(20)		No					
lastName	varchar(20)		No					
email	varchar(100)		Yes	NULL				
active	tinyint(1)		No	1				
locked	tinyint(1)		No					
positionID	int		No			-> posn.positionID ON UPDATE RESTRICT ON DELETE RESTRICT		
siteID	int		No			-> site.siteID ON UPDATE RESTRICT ON DELETE RESTRICT		

4 inventory

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
itemID	int		No			-> item.itemID ON UPDATE RESTRICT ON DELETE RESTRICT		
siteID	int		No			-> site.siteID ON UPDATE RESTRICT ON DELETE RESTRICT		
quantity	int		No					
itemLocation	varchar(20)		Yes	NULL				
reorderThreshold	int		Yes	NULL				

5 item

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
itemID	int		No		auto_increment			
name	varchar(100)		No					
sku	varchar(20)		No					
description	varchar(255)		Yes	NULL				
category	varchar(32)		No			-> category.categoryName ON UPDATE RESTRICT ON DELETE RESTRICT		
weight	decimal(10, 2)		No					
costPrice	decimal(10, 2)		No					
retailPrice	decimal(10, 2)		No					
supplierID	int		No			-> supplier.supplierID ON UPDATE RESTRICT ON DELETE RESTRICT		
active	tinyint(1)		No	1				
notes	varchar(255)		Yes	NULL				
caseSize	int		No					

6 permission

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
permissionID	varchar(20)		No					

7 posn

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
positionID	int		No		auto_increment			
permissionLevel	varchar(20)		No					

8 province

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
provinceID	varchar(2)		No					
provinceName	varchar(20)		No					
countryCode	varchar(50)		No					

9 site

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
siteID	int		No		auto_increment			
name	varchar(50)		No					
provinceID	varchar(2)		No			-> province.provinceID ON UPDATE RESTRICT ON DELETE RESTRICT		
address	varchar(50)		No					
address2	varchar(50)		Yes	NULL				
city	varchar(50)		No					
country	varchar(50)		No					
postalCode	varchar(14)		No					
phone	varchar(14)		No					
dayOfWeek	varchar(50)		Yes	NULL				
distanceFromWH	int		No					
siteType	varchar(50)		Yes	NULL		-> sitetype.siteType ON UPDATE RESTRICT ON DELETE RESTRICT		
notes	varchar(255))		Yes	NULL				
active	tinyint(1)		No	1				

10 sitetype

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
siteType	varchar(50)		No					
notes	varchar(255))		Yes	NULL				

11 supplier

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
supplierID	int		No		auto_increment			
name	varchar(50)		No					
address1	varchar(50)		No					
address2	varchar(50)		Yes	NULL				
city	varchar(50)		No					
country	varchar(50)		No					
province	varchar(2)		No			-> province.provinceID ON UPDATE RESTRICT ON DELETE RESTRICT		
postalcode	varchar(11)		No					
phone	varchar(14)		No					
contact	varchar(100)		Yes	NULL				
active	tinyint(1)		No	1				

12 txn

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
txnID	int		No		auto_increment			
siteIDTo	int		No			-> site.siteID ON UPDATE RESTRICT ON DELETE RESTRICT		
siteIDFrom	int		No			-> site.siteID ON UPDATE RESTRICT ON DELETE RESTRICT		
status	varchar(20)		No			-> txnstatus.statusName ON UPDATE RESTRICT ON DELETE RESTRICT		
shipDate	datetime		No					
txnType	varchar(20)		No			-> txntype.txnType ON UPDATE RESTRICT ON DELETE RESTRICT		
barCode	varchar(50)		No					
createdDate	datetime		No					
deliveryID	int		Yes	NULL		-> delivery.deliveryID ON UPDATE RESTRICT ON DELETE RESTRICT		
emergencyDelivery	tinyint(1)		Yes	NULL				

13 txnaudit

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
txnAuditID	int		No		auto_increment			
txnID	int		Yes	NULL				
txnType	varchar(20)		Yes	NULL				
status	varchar(20)		No					
txnDate	datetime		No	CURRENT_TIMESTAMP	DEFAULT_GENERATED			
SiteID	int		No			-> site.siteID ON UPDATE RESTRICT ON DELETE RESTRICT		
deliveryID	int		Yes	NULL				
employeeID	int		No			-> employee.employeeID ON UPDATE RESTRICT ON DELETE RESTRICT		
notes	varchar(255)		Yes	NULL				

14 txnitems

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
txnID	int		No			-> txn.txnID ON UPDATE RESTRICT ON DELETE RESTRICT		
ItemID	int		No			-> item.itemID ON UPDATE RESTRICT ON DELETE RESTRICT		
quantity	int		No					

15 txnstatus

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
statusName	varchar(20)		No					
statusDescription	varchar(100)		No					

16 txntype

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
txnType	varchar(20)		No					

17 user_permission

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
employeeID	int		Yes	NULL		-> employee.employeeID ON UPDATE RESTRICT ON DELETE RESTRICT		
permissionID	varchar(20)		Yes	NULL		-> permission.permissionID ON UPDATE RESTRICT ON DELETE RESTRICT		

18 vehicle

Creation: Jan 04, 2023 at 02:14 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
vehicleType	varchar(20)		No					
maxWeight	decimal(10,0)		No					
HourlyTruckCost	decimal(10,2)		No					
costPerKm	decimal(10,2)		No					
notes	varchar(255)		No					

