ddd

Drone

Data Dictionary

26/01/2020

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Legend
- 🔑 Primary key
- 🔑 Primary key disabled
- 🔑 User-defined primary key
- 🔑 Unique key
- 🔑 Unique key disabled
- 🔑 User-defined unique key
- ⚡ Active trigger
- ⚡ Disabled trigger
- ⤙ Many to one relation
- ⤙ User-defined many to one relation
- ⤚ One to many relation
- ⤚ User-defined one to many relation
- — One to one relation
- — User-defined one to one relation
- ⤷@ Input
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- ⤷@⤷ Input/Output
- ▣ Uses dependency
- ▣ User-defined uses dependency
- ▣ Used by dependency
- ▣ User-defined used by dependency

Drone

1. Tables

1.1. Table: dbo.companies

Columns

		Name	Data type	Description / Attributes
	🔑	id	int	**Identity / Auto increment**
		name	varchar(100)	
		nationality	varchar(80)	
		address	varchar(150)	
		head_office	varchar(80)	

Linked from

	Table	Join	Title / Name / Description
—<	dbo.employ	**dbo.companies.**id = dbo.employ.companies_id	FK__employ__companie__4E88ABD4
—<	dbo.sell	**dbo.companies.**id = dbo.sell.companies_id	FK__sell__companies__4AB81AF0

Unique keys

	Columns	Name / Description
🔑	id	PK__companie__3213E83F917F3E55

1.2. Table: dbo.contain

Columns

		Name	Data type	Description / Attributes
▥	🔑	id	int	**Identity / Auto increment**
▥		orders_id	int	**Nullable** **References**: dbo.orders
▥		drones_id	int	**Nullable** **References**: dbo.drones

Links to

	Table	Join	Title / Name / Description
⊱	dbo.drones	**dbo.contain.**drones_id = dbo.drones.id	FK__contain__drones___440B1D61
⊱	dbo.orders	**dbo.contain.**orders_id = dbo.orders.id	FK__contain__orders___4316F928

Unique keys

	Columns	Name / Description
🔑	id	PK__contain__3213E83F825E3B91

1.3. Table: dbo.customers

Columns

		Name	Data type	Description / Attributes
▥	🔑	id	int	**Identity / Auto increment**
▥		lastname	varchar(100)	
▥		firstname	varchar(60)	
▥		register_date	date	
▥		address	varchar(100)	
▥		email_address	varchar(100)	
▥		country	varchar(80)	

Linked from

	Table	Join	Title / Name / Description
⤚<	dbo.orders	**dbo.customers.**id = dbo.orders.customerid	FK__orders__customer__38996AB5

Unique keys

	Columns	Name / Description
🔑	id	PK__customer__3213E83F14649E4F

1.4. Table: dbo.drones

Columns

		Name	Data type	Description / Attributes
	🔑	id	int	**Identity / Auto increment**
		mark	varchar(100)	
		model	varchar(45)	
		description	varchar(200)	**Nullable**
		price	float	
		stock	int	
		nb_propellers	int	

Linked from

	Table	Join	Title / Name / Description
⤙	dbo.contain	**dbo.drones.**id = dbo.contain.drones_id	FK__contain__drones___440B1D61
⤙	dbo.provide	**dbo.drones.**id = dbo.provide.drones_id	FK__provide__drones__47DBAE45
⤙	dbo.sell	**dbo.drones.**id = dbo.sell.drones_id	FK__sell__drones_id__4BAC3F29

Unique keys

	Columns	Name / Description
🔑	id	PK__drones__3213E83FCB452095

1.5. Table: dbo.employ

Columns

		Name	Data type	Description / Attributes
📇	🔑	id	int	**Identity / Auto increment**
📇		companies_id	int	**Nullable** **References**: dbo.companies
📇		employees_id	int	**Nullable** **References**: dbo.employees

Links to

	Table	Join	Title / Name / Description
⤛	dbo.companies	**dbo.employ.**companies_id = dbo.companies.id	FK__employ__companie__4E88ABD4
⤛	dbo.employees	**dbo.employ.**employees_id = dbo.employees.id	FK__employ__employee__4F7CD00D

Unique keys

	Columns	Name / Description
🔑	id	PK__employ__3213E83F0BFDF584

1.6. Table: dbo.employees

Columns

		Name	Data type	Description / Attributes
📇	🔑	id	int	**Identity / Auto increment**
📇		lastname	varchar(100)	
📇		firstname	varchar(60)	
📇		address	varchar(150)	
📇		phonenumber	int	**Nullable**
📇		post	varchar(80)	
📇		email_address	varchar(100)	**Nullable**

Linked from

	Table	Join	Title / Name / Description
⤙	dbo.employ	**dbo.employees.**id = dbo.employ.employees_id	FK__employ__employee__4F7CD00D

Unique keys

	Columns	Name / Description
🔑	id	PK__employee__3213E83F9CD54BBA

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1.7. Table: dbo.orders

Columns

		Name	Data type	Description / Attributes
▦	🔑	id	int	**Identity / Auto increment**
▦		date	date	
▦		status	varchar(45)	
▦		customerid	int	**Nullable** **References**: dbo.customers
▦		serial_number	int	

Links to

	Table	Join	Title / Name / Description
⤚	dbo.customers	**dbo.orders.**customerid = dbo.customers.id	FK__orders__customer__38996AB5

Linked from

	Table	Join	Title / Name / Description
⤙	dbo.contain	**dbo.orders.**id = dbo.contain.orders_id	FK__contain__orders__4316F928

Unique keys

	Columns	Name / Description
🔑	id	PK__orders__3213E83FBA18FD39

1.8. Table: dbo.provide

Columns

		Name	Data type	Description / Attributes
▤	🔑	id	int	**Identity / Auto increment**
▤		providers_id	int	**Nullable** **References**: dbo.providers
▤		drones_id	int	**Nullable** **References**: dbo.drones

Links to

	Table	Join	Title / Name / Description
⤙	dbo.drones	**dbo.provide.**drones_id = dbo.drones.id	FK__provide__drones___47DBAE45
⤙	dbo.providers	**dbo.provide.**providers_id = dbo.providers.id	FK__provide__provide__46E78A0C

Unique keys

	Columns	Name / Description
🔑	id	PK__provide__3213E83FE33A3D2A

1.9. Table: dbo.providers

Columns

		Name	Data type	Description / Attributes
▥	🔑	id	int	**Identity / Auto increment**
▥		name	varchar(100)	
▥		nationality	varchar(80)	
▥		address	varchar(150)	
▥		head_office	varchar(100)	

Linked from

	Table	Join	Title / Name / Description
⤙	dbo.provide	**dbo.providers.**id = dbo.provide.providers_id	FK__provide__provide__46E78A0C

Unique keys

	Columns	Name / Description
🔑	id	PK__provider__3213E83F94AA1EAC

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1.10. Table: dbo.sell

Columns

		Name	Data type	Description / Attributes
🔲	🔑	id	int	**Identity / Auto increment**
🔲		companies_id	int	**Nullable** **References**: dbo.companies
🔲		drones_id	int	**Nullable** **References**: dbo.drones

Links to

	Table	Join	Title / Name / Description
⤙	dbo.companies	**dbo.sell.**companies_id = dbo.companies.id	FK__sell__companies___4AB81AF0
⤙	dbo.drones	**dbo.sell.**drones_id = dbo.drones.id	FK__sell__drones_id__4BAC3F29

Unique keys

	Columns	Name / Description
🔑	id	PK__sell__3213E83FE00D7398