ddd

Fairphone

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
- @→ Output
- ◦@◦ Input/Output
- 🗏 Uses dependency
- 🗏 User-defined uses dependency
- 🗏 Used by dependency
- 🗏 User-defined used by dependency

Fairphone

1. Tables

1.1. Table: dbo.articles

Columns

		Name	Data type	Description / Attributes
	🔑	id	int	
	🔑	number	int	**Nullable**
		date	date	**Nullable**
		title	varchar(200)	**Nullable**
		author	varchar(70)	**Nullable**
		content	varchar(8000)	**Nullable**
		views	int	**Nullable**

Unique keys

	Columns	Name / Description
🔑	id	PK__articles__3213E83F2DB3784D
🔑	number	UQ__articles__FD291E411FFD32DA

Used By

Name
▦ **dbo.articles**
🖻 dbo.viewFairphone

1.2. Table: dbo.benefit

Columns

		Name	Data type	Description / Attributes
▦	🔑	id	int	
▦		customer_id	int	**References**: dbo.customers
▦		promotion_id	int	**References**: dbo.promotions

Links to

	Table	Join	Title / Name / Description
⊶	dbo.customers	**dbo.benefit.**customer_id = dbo.customers.id	FK__benefit__custome__5629CD9C
⊶	dbo.promotions	**dbo.benefit.**promotion_id = dbo.promotions.id	FK__benefit__promoti__571DF1D5

Unique keys

	Columns	Name / Description
🔑	id	PK__benefit__3213E83FE10B9877

Uses

Name
▦ **dbo.benefit**
⊶ dbo.customers
⊶ dbo.promotions

Used By

Name
▦ **dbo.benefit**
⬒ dbo.viewFairphone

1.3. Table: dbo.components

Columns

		Name	Data type	Description / Attributes
	🔑	id	int	
	🔑	serialnumber	bigint	**Nullable**
		model	int	**Nullable**
		price	float	**Nullable**
		manufacturing	date	**Nullable**
		order_id	int	**Nullable** **References**: dbo.orders
		descriptions_id	int	**References**: dbo.descriptions

Links to

	Table	Join	Title / Name / Description
⤙	dbo.descriptions	**dbo.components.**descriptions_id = dbo.descriptions.id	FK__component__descr__534D60F1
⤙	dbo.orders	**dbo.components.**order_id = dbo.orders.id	FK__component__order__52593CB8

Unique keys

	Columns	Name / Description
🔑	id	PK__componen__3213E83FEE867F6A
🔑	serialnumber	UQ__componen__E0496F8932D80395

Uses

Name
▦ **dbo.components**
⤙ dbo.descriptions
⤙ dbo.orders

Used By

Name
▦ **dbo.components**
⊡ dbo.viewFairphone

1.4. Table: dbo.customers

Columns

		Name	Data type	Description / Attributes
🗄	🔑	id	int	
🗄	🔑	number	int	Nullable
🗄		firstname	varchar(45)	Nullable
🗄		lastname	varchar(45)	Nullable
🗄		birthdate	date	Nullable
🗄		street	varchar(45)	Nullable
🗄		npa	int	Nullable
🗄		city	varchar(45)	Nullable
🗄		country	varchar(45)	Nullable
🗄		registration	date	Nullable
🗄		iban	varchar(45)	Nullable

Linked from

	Table	Join	Title / Name / Description
⤙	dbo.benefit	**dbo.customers.**id = dbo.benefit.customer_id	FK__benefit__custome__5629CD9C
⤙	dbo.emails	**dbo.customers.**id = dbo.emails.customers_id	FK__emails__customer__5AEE82B9
⤙	dbo.orders	**dbo.customers.**id = dbo.orders.customer_id	FK__orders__customer__4CA06362

Unique keys

	Columns	Name / Description
🔑	id	PK__customer__3213E83FE00691D5
🔑	number	UQ__customer__FD291E41FAF73C29

Used By

Name
▦ dbo.customers
⬆▤ dbo.viewFairphone
⤙ dbo.benefit
⤙ dbo.emails
⤙ dbo.orders

1.5. Table: dbo.descriptions

Columns

		Name	Data type	Description / Attributes
🗐	🔑	id	int	
🗐	🔑	number	int	**Nullable**
🗐		content	varchar(700)	**Nullable**
🗐		date	date	**Nullable**
🗐		author	varchar(45)	**Nullable**

Linked from

	Table	Join	Title / Name / Description
⤛	dbo.components	**dbo.descriptions.**id = dbo.components.descriptions_id	FK__component__descr__534D60F1
⤛	dbo.fairphones	**dbo.descriptions.**id = dbo.fairphones.descriptions_id	FK__fairphone__descr__619B8048
⤛	dbo.promotions	**dbo.descriptions.**id = dbo.promotions.description_id	FK__promotion__descr__47DBAE45

Unique keys

	Columns	Name / Description
🔑	id	PK__descript__3213E83F19EFF870
🔑	number	UQ__descript__FD291E41DCB8B877

Used By

Name
▦ **dbo.descriptions**
🖼 dbo.viewFairphone
⤛ dbo.components
⤛ dbo.fairphones
⤛ dbo.promotions

1.6. Table: dbo.emails

Columns

		Name	Data type	Description / Attributes
▦	🔑	id	int	
▦		content	varchar(60)	**Nullable**
▦		registration	date	**Nullable**
▦		customers_id	int	**References**: dbo.customers

Links to

	Table	Join	Title / Name / Description
⊱	dbo.customers	**dbo.emails.**customers_id = dbo.customers.id	FK__emails__customer__5AEE82B9

Unique keys

	Columns	Name / Description
🔑	id	PK__emails__3213E83F78FB4FEC

Uses

Name
▦ **dbo.emails**
⊱ dbo.customers

Used By

Name
▦ **dbo.emails**
⊞ dbo.viewFairphone

1.7. Table: dbo.fairphones

Columns

		Name	Data type	Description / Attributes
🗐	🔑	id	int	
🗐	🔑	serialnumber	bigint	**Nullable**
🗐		model	int	**Nullable**
🗐		price	float	**Nullable**
🗐		manufacturing	date	**Nullable**
🗐		order_id	int	**Nullable** **References**: dbo.orders
🗐		descriptions_id	int	**References**: dbo.descriptions
🗐		promotions_id	int	**References**: dbo.promotions

Links to

	Table	Join	Title / Name / Description
⤙	dbo.descriptions	**dbo.fairphones.**descriptions_id = dbo.descriptions.id	FK__fairphone__descr__619B8048
⤙	dbo.orders	**dbo.fairphones.**order_id = dbo.orders.id	FK__fairphone__order__60A75C0F
⤙	dbo.promotions	**dbo.fairphones.**promotions_id = dbo.promotions.id	FK__fairphone__promo__628FA481

Unique keys

	Columns	Name / Description
🔑	id	PK__fairphon__3213E83F688D21C2
🔑	serialnumber	UQ__fairphon__E0496F895955EDF2

Uses

Name
▦ **dbo.fairphones**
⤙ dbo.descriptions
⤙ dbo.orders
⤙ dbo.promotions

Used By

Name
▦ **dbo.fairphones**
⬚ dbo.viewFairphone

1.8. Table: dbo.orders

Columns

		Name	Data type	Description / Attributes
🗄	🔑	id	int	
🗄	🔑	number	int	**Nullable**
🗄		date	date	**Nullable**
🗄		state	varchar(20)	**Nullable**
🗄		customer_id	int	**References**: dbo.customers

Links to

	Table	Join	Title / Name / Description
⤙	dbo.customers	**dbo.orders.**customer_id = dbo.customers.id	FK__orders__customer__4CA06362

Linked from

	Table	Join	Title / Name / Description
⤛	dbo.components	**dbo.orders.**id = dbo.components.order_id	FK__component__order__52593CB8
⤛	dbo.fairphones	**dbo.orders.**id = dbo.fairphones.order_id	FK__fairphone__order__60A75C0F

Unique keys

	Columns	Name / Description
🔑	id	PK__orders__3213E83F055BD58C
🔑	number	UQ__orders__FD291E419B16A1D0

Uses

Name
▦ **dbo.orders**
⤙ dbo.customers

Used By

Name
▦ **dbo.orders**
🗗 dbo.viewFairphone
⤛ dbo.components
⤛ dbo.fairphones

1.9. Table: dbo.promotions

Columns

		Name	Data type	Description / Attributes
▦	🔑	id	int	
▦	🔑	name	varchar(100)	**Nullable**
▦		discountpercentage	int	**Nullable**
▦		description_id	int	**References**: dbo.descriptions

Links to

	Table	Join	Title / Name / Description
⤝	dbo.descriptions	**dbo.promotions**.description_id = dbo.descriptions.id	FK__promotion__descr__47DBAE45

Linked from

	Table	Join	Title / Name / Description
⤟	dbo.benefit	**dbo.promotions**.id = dbo.benefit.promotion_id	FK__benefit__promoti__571DF1D5
⤟	dbo.fairphones	**dbo.promotions**.id = dbo.fairphones.promotions_id	FK__fairphone__promo__628FA481

Unique keys

	Columns	Name / Description
🔑	id	PK__promotio__3213E83F80F5BBD3
🔑	name	UQ__promotio__72E12F1B3961961D

Uses

Name
▦ **dbo.promotions**
⤝ dbo.descriptions

Used By

Name
▦ **dbo.promotions**
⤴ dbo.viewFairphone
⤟ dbo.benefit
⤟ dbo.fairphones

1.10.   Table: dbo.shops

Columns

		Name	Data type	Description / Attributes
📇	🔑	id	int	
📇	🔑	name	varchar(45)	**Nullable**
📇		street	varchar(45)	**Nullable**
📇		npa	int	**Nullable**
📇		city	varchar(45)	**Nullable**
📇		country	varchar(45)	**Nullable**
📇		quantity	int	**Nullable**

Unique keys

	Columns	Name / Description
🔑	id	PK__shops__3213E83F91B78906
🔑	name	UQ__shops__72E12F1BEA62B8B7

Used By

Name
⊞ **dbo.shops**
📇 dbo.viewFairphone

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2. Views

2.1. View: dbo.viewFairphone

Columns

		Name	Data type	Description / Attributes
		NbCustomers	int	**Nullable**
		NbArticles	int	**Nullable**
		NbShops	int	**Nullable**
		NbDescriptions	int	**Nullable**
		NbPromotions	int	**Nullable**
		NbOrders	int	**Nullable**
		NbComponents	int	**Nullable**
		NbBenefit	int	**Nullable**
		NbEmails	int	**Nullable**
		NbFairphones	int	**Nullable**
		TotalRecords	int	**Nullable**

Uses

Name
dbo.viewFairphone
dbo.articles
dbo.benefit
dbo.components
dbo.customers
dbo.descriptions
dbo.emails
dbo.fairphones
dbo.orders
dbo.promotions
dbo.shops