# CPNV

# EcommerceHardware@localhost Data Dictionary

24.01.2021





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#### Legend

- **?** Primary key
- Primary key disabled
- **1** 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
- → Many to many relation
- ₩ User-defined many 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



# EcommerceHardware@localhost

# 1. Tables

## 1.1. Table: categories

#### Columns

		Name	Data type	Description / Attributes
▤	1	id	int	Identity / Auto increment
▤	1	name	varchar(45)	

#### Linked from

	Table	Join	Title / Name / Description
$\rightarrow$	components	categoriesid = componentscategories_id	FK_component_categ31EC6D26
$\rightarrow$	components	categoriesid = componentscategories_id	FK_component_categ_4222D4EF

	Columns	Name / Descr	ription
Ŷ	id	PK_categori_3213E83F2F0CEFE6	
9	name	UX_categories	

## 1.2. Table: clients

#### Columns

		Name	Data type	Description / Attributes
■	1	id	int	Identity / Auto increment
■	1	client_number	varchar(45)	
■		lastname	varchar(45)	
■		firstname	varchar(45)	
■		birthyear	varchar(30)	
■		email	varchar(45)	
■		zip_code	int	
■		city	varchar(60)	
■		address	varchar(60)	
■		statutes_id	int	Nullable References: statutes

## Links to

	Table	Join	Title / Name / Description
<b>—</b>	statutes	clientsstatutes_id = statutesid	FK_clients_statute_267ABA7A
<b>—</b>	statutes	clientsstatutes_id = statutesid	FK_clients_statute_3F466844

#### Linked from

	Table	Join	Title / Name / Description
$\rightarrow$	clients_benefits_promotions	<pre>clientsid = clients_benefits_promotionsclients_id</pre>	FKclients_bclien36B12243
$\rightarrow$	clients_benefits_promotions	<pre>clientsid = clients_benefits_promotionsclients_id</pre>	FK_clients_b_clien_47DBAE45
$\rightarrow$	clients_comment_components	<pre>clientsid = clients_comment_componentsclients_i d</pre>	FK_clients_c_clien_3D5E1FD2
<b>→</b>	clients_comment_components	<pre>clientsid = clients_comment_componentsclients_i d</pre>	FK_clients_c_clien45F365D3
$\rightarrow$	orders	clientsid = ordersclients_id	FK_orders_clients_2B3F6F97
$\rightarrow$	orders	clientsid = ordersclients_id	FK_orders_clients_403A8C7D

	Columns	Name / Description
Ŷ	id	PK_clients_3213E83F794770E5
P	client_number	UX_clients

# 1.3. Table: clients\_benefits\_promotions

## Columns

		Name	Data type	Description / Attributes
	1	id	int	Identity / Auto increment
■		promotions_id	int	Nullable References: promotions
■		clients_id	int	Nullable References: clients

## Links to

	Table	Join	Title / Name / Description
<b>-</b>	clients	<pre>clients_benefits_promotionsclients_id = clientsid</pre>	FK_clients_b_clien_36B12243
<b>-</b>	clients	clients_benefits_promotionsclients_id = clientsid	FKclients_bclien47DBAE45
$\rightarrow$	promotions	<b>clients_benefits_promotions</b> promotion s_id = promotionsid	FK_clients_b_promo_46E78A0C
<b>—</b>	promotions	<b>clients_benefits_promotions</b> promotion s_id = promotionsid	FK_clients_b_promo_35BCFE0A

	Columns	Name / Description
💡 id		PK_clients3213E83F1CEA584B

# 1.4. Table: clients\_comment\_components

#### Columns

		Name	Data type	Description / Attributes
■	1	id	int	Identity / Auto increment
■		title	varchar(128)	
■		text	varchar(1024)	Nullable
■		likes	varchar(45)	
■		clients_id	int	Nullable References: clients
■		components_id	int	Nullable References: components

## Links to

	Table	Join	Title / Name / Description
$\rightarrow$	clients	<b>clients_comment_components</b> clients_i d = clientsid	FK_clients_c_clien_3D5E1FD2
<b>—</b>	clients	clients_comment_componentsclients_i d = clientsid	FKclients_cclien45F365D3
<b>—</b>	components	clients_comment_componentscomponents_id = componentsid	FK_clients_c_compo_3E52440B
<b>—</b>	components	clients_comment_componentscompon ents_id = componentsid	FK_clients_c_compo44FF419A

Columns		Name / Description
📍 id	PK_clients_3213E83F9C4DCBCD	

# 1.5. Table: components

#### Columns

		Name	Data type	Description / Attributes
■	1	id	int	Identity / Auto increment
■	1	productNumber	varchar(45)	
■		name	varchar(45)	
■		maker	varchar(45)	Nullable
■		description	varchar(1024)	Nullable
▤		price	decimal(8, 2)	
▤		stock	int	Nullable
■		discount	decimal(3, 2)	Nullable
		categories_id	int	Nullable References: categories
■		providers_id	int	Nullable References: providers

#### Links to

	Table	Join	Title / Name / Description
$\rightarrow$	categories	componentscategories_id = categoriesid	FK_component_categ_31EC6D26
<b>—</b>	categories	<pre>componentscategories_id = categoriesid</pre>	FK_component_categ_4222D4EF
<b>—</b>	providers	componentsproviders_id = providersid	FK_component_provi_32E0915F
<b>—</b>	providers	componentsproviders_id = providersid	FK_component_provi_412EB0B6

#### Linked from

	Table	Join	Title / Name / Description
$\rightarrow$	clients_comment_components	<pre>componentsid = clients_comment_componentscompon ents_id</pre>	FK_clients_c_compo_3E52440B
$\rightarrow$	clients_comment_components	<pre>componentsid = clients_comment_componentscompon ents_id</pre>	FK_clients_c_compo_44FF419A
$\rightarrow$	order_includes_components	componentsid = order_includes_componentscompone nts_id	FK_order_inc_compo_3A81B327
$\rightarrow$	order_includes_components	componentsid = order_includes_componentscompone nts_id	FK_order_inc_compo_4316F928

	Columns	Name / Description
9	id	PK_componen_3213E83FA414AEA7
9	productNumber	UX_components

# 1.6. Table: order\_includes\_components

#### Columns

		Name	Data type	Description / Attributes
▤	1	id	int	Identity / Auto increment
■		orders_id	int	Nullable References: orders
■		components_id	int	Nullable References: components

## Links to

	Table	Join	Title / Name / Description
$\rightarrow$	components	order_includes_componentscompone nts_id = componentsid	FK_order_inc_compo_3A81B327
<b>&gt;</b>	components	order_includes_componentscompone nts_id = componentsid	FK_order_inc_compo_4316F928
<b>&gt;</b>	orders	order_includes_componentsorders_id = ordersid	FK_order_inc_order_398D8EEE
<b>-</b>	orders	order_includes_componentsorders_id = ordersid	FK_order_inc_order_440B1D61

	Columns	Name / Description
9	id	PK_order_in_3213E83F0BF5ABA9

## 1.7. Table: orders

#### Columns

		Name	Data type	Description / Attributes
■	1	id	int	Identity / Auto increment
	1	order_number	varchar(45)	
■		order_date	varchar(45)	
■		state	varchar(45)	Nullable
■		quantity	int	
■		clients_id	int	Nullable References: clients

#### Links to

	Table	Join	Title / Name / Description
$\rightarrow$	clients	ordersclients_id = clientsid	FK_orders_clients_2B3F6F97
$\rightarrow$	clients	ordersclients_id = clientsid	FK_orders_clients403A8C7D

#### Linked from

	Table	Join	Title / Name / Description
$\rightarrow$	order_includes_components	ordersid = order_includes_componentsorders_id	FK_order_inc_order_398D8EEE
$\rightarrow$	order_includes_components	<pre>ordersid = order_includes_componentsorders_id</pre>	FK_order_inc_order_440B1D61

	Columns	Name / Description
?         id         PK_orders_3213E83F3AD6D6F9		PK_orders_3213E83F3AD6D6F9
rorder_number UX_orders		UX_orders

# 1.8. Table: promotions

## Columns

		Name	Data type	Description / Attributes
▤	1	id	int	Identity / Auto increment
■	1	name	varchar(45)	
■	1	year	int	
■		discount	decimal(3, 2)	

#### Linked from

	Table	Join	Title / Name / Description
$\rightarrow$	clients_benefits_promotions	<pre>promotionsid = clients_benefits_promotionspromotion s_id</pre>	FK_clients_b_promo_46E78A0C
$\rightarrow$	clients_benefits_promotions	<pre>promotionsid = clients_benefits_promotionspromotion s_id</pre>	FK_clients_b_promo_35BCFE0A

	Columns	Name / Description
P	id	PK_promotio_3213E83F6688EECB
P	name, year	UX_promotions



# 1.9. Table: providers

#### Columns

		Name	Data type	Description / Attributes
■	1	id	int	Identity / Auto increment
■	1	name	varchar(45)	
■	1	email	varchar(45)	
■		head_office	varchar(45)	Nullable
■		phone_number	varchar(45)	Nullable

## Linked from

	Table	Join	Title / Name / Description
$\rightarrow$	components	<pre>providersid = componentsproviders_id</pre>	FK_component_provi_32E0915F
$\rightarrow$	components	providersid = componentsproviders_id	FK_component_provi_412EB0B6

	Columns	Name / Description
?	id	PK_provider_3213E83F0A5F4910
P	name, email	UX_provider



## 1.10. Table: statutes

## Columns

		Name	Data type	Description / Attributes
■	1	id	int	Identity / Auto increment
■	1	name	varchar(45)	

## Linked from

Table	Join	Title / Name / Description
→ clients	<b>statutes</b> id = clientsstatutes_id	FK_clients_statute_267ABA7A
→ clients	<b>statutes</b> id = clientsstatutes_id	FK_clients_statute_3F466844

	Columns	Name / Description
8	id	PK_statutes_3213E83F2D4CBF88
P	name	UX_statutes



# 2. Views

# 2.1. View: V\_TableRecords

## Columns

	Name	Data type	Description / Attributes
	ClientsCount	int	Nullable
	PromotionsCount	int	Nullable
	ProvidersCount	int	Nullable
	OrdersCount	int	Nullable
■	StatutesCount	int	Nullable
■	ComponentsCount	int	Nullable
■	CategoriesCount	int	Nullable
	clients_benefits_promotionsCount	int	Nullable
■	clients_comment_componentsCoun t	int	Nullable
	order_includes_componentsCount	int	Nullable

