

cpnv

Ecommerce Data Dictionary

21.01.2021
























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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
-  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

Ecommerce

1. Tables

1.1. Table: carts

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		created_at	datetime	Nullable
		updated_at	datetime	Nullable

Linked from







	Table	Join	Title / Name / Description
←	products_add_carts	carts id = products_add_cartscart_id	FK_products__cart__3A81B327

Unique keys

		Name / Description
	id	PK_carts__3213E83F62299660

1.2. Table: discounts

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		rebate	bit	
		from_date	datetime	
		to_date	datetime	
		created_at	datetime	

Linked from



	Table	Join	Title / Name / Description
←	orders_apply_discounts	discounts id = orders_apply_discountsdiscount_id	FK_orders_ap_disco__5535A963
←	users_create_discounts	discounts id = users_create_discountsdiscount_id	FK_users_cre_disco__4E88ABD4












Unique keys

		Name / Description
	id	PK_discount__3213E83FCDE5D43A

1.3. Table: events

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment

	Name	Data type	Description / Attributes
	name	varchar(50)	
	description	varchar(250)	
	address	varchar(65)	
	start_date	date	
	end_date	date	
	city	varchar(50)	Nullable
	zipcode	varchar(50)	Nullable
	lat	geography	Nullable
	lng	geography	Nullable
	created_at	datetime	Nullable
	updated_at	datetime	Nullable

Linked from






	Table	Join	Title / Name / Description
←	users_own_carts	events id = users_own_cartsevent_id	FK_users_own_event_3F466844
←	users_participate_events	events id = users_participate_eventsevent_id	FK_users_par_event_4316F928

Unique keys

	Name / Description
 id	PK_events__3213E83FAE73F874

1.4. Table: orders

Columns

	Name	Data type	Description / Attributes
 	id	int	Identity / Auto increment
	total_amount	decimal(18, 0)	
	tracking_number	varchar(8000)	Nullable
	created_at	datetime	

Linked from





	Table	Join	Title / Name / Description
←	orders_apply_discounts	orders id = orders_apply_discountsorder_id	FK_orders_ap_order_5629CD9C
←	orders_contain_products	orders id = orders_contain_productsorder_id	FK_orders_co_order_59063A47
←	users_perform_orders	orders id = users_perform_ordersorder_id	FK_users_per_order_52593CB8

Unique keys

	Name / Description
 id	PK_orders__3213E83F96CE86E0

1.5. Table: orders_apply_discounts


Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		discount_id	int	Nullable References: discounts
		order_id	int	Nullable References: orders

Links to





	Table	Join	Title / Name / Description
➤	discounts	orders_apply_discounts discount_id = discountsid	FK_orders_ap_disco__5535A963
➤	orders	orders_apply_discounts order_id = ordersid	FK_orders_ap_order__5629CD9C

Unique keys

		Name / Description
	id	PK_orders_a__3213E83F5FAB2A1C

1.6. Table: orders_contain_products

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		order_id	int	Nullable References: orders
		product_id	int	Nullable References: products

Links to



	Table	Join	Title / Name / Description
➤	orders	orders_contain_products order_id = ordersid	FK_orders_co_order__59063A47
➤	products	orders_contain_products product_id = productsid	FK_orders_co_produ__59FA5E80






Unique keys

		Name / Description
	id	PK_orders_c__3213E83FC2F39C1F

1.7. Table: pages

Columns


		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment

	Name	Data type	Description / Attributes
	title	varchar(50)	
	description	varchar(250)	
	url_page	varchar(8000)	
	created_at	datetime	Nullable
	updated_at	datetime	Nullable

Linked from










	Table	Join	Title / Name / Description
←	users_configure_pages	pages id = users_configure_pagespage_id	FK_users_con__page__4AB81AF0

Unique keys

	Name / Description
 id	PK_pages__3213E83F59C977FC

1.8. Table: products


Columns

	Name	Data type	Description / Attributes
 	id	int	Identity / Auto increment
	name_francais	varchar(50)	
	description_francais	varchar(50)	
	name_deutsch	varchar(50)	
	description_deutsch	varchar(50)	
	name_english	varchar(50)	
	description_english	varchar(50)	
	price	int	

Linked from





	Table	Join	Title / Name / Description
←	orders_contain_products	products id = orders_contain_productsproduct_id	FK_orders_co__produ__59FA5E80
←	products_add_carts	products id = products_add_cartsproduct_id	FK_products__produ__3B75D760
←	suppliers_supply_products	products id = suppliers_supply_productsproduct_id	FK_suppliers__produ__36B12243

Unique keys



	Name / Description
 id	PK_products__3213E83F3E911AAF

1.9. Table: products_add_carts

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		cart_id	int	Nullable References: carts
		product_id	int	Nullable References: products

Links to

	Table	Join	Title / Name / Description
	carts	products_add_carts cart_id = cartsid	FK_products__cart__3A81B327
	products	products_add_carts product_id = productsid	FK_products__produ__3B75D760

Unique keys

		Name / Description
	id	PK_products__3213E83F75BB352B

1.10. Table: roles


Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		name	varchar(50)	

Linked from








	Table	Join	Title / Name / Description
	users_has_roles	roles id = users_has_rolesrole_id	FK_users_has__role__46E78A0C

Unique keys

		Name / Description
	id	PK_roles__3213E83FB5E3F03C

1.11. Table: suppliers

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		name	varchar(50)	
		email	varchar(50)	
		address	varchar(50)	
		phone	varchar(50)	
		country	varchar(50)	

Linked from

	Table	Join	Title / Name / Description
←	suppliers_supply_products	suppliers id = suppliers_supply_products supplier_id	FK_suppliers_suppl_37A5467C

Unique keys

	Name / Description
🔑 id	PK_supplier__3213E83F6147DE21

1.12. Table: suppliers_supply_products

Columns

	Name	Data type	Description / Attributes
🔑	id	int	Identity / Auto increment
	product_id	int	Nullable References: products
	supplier_id	int	Nullable References: suppliers

Links to

	Table	Join	Title / Name / Description
➤	products	suppliers_supply_products product_id = products id	FK_suppliers_produ_36B12243
➤	suppliers	suppliers_supply_products supplier_id = suppliers id	FK_suppliers_suppl_37A5467C

Unique keys

	Name / Description
🔑 id	PK_supplier__3213E83F08C466EC

1.13. Table: users

Columns

	Name	Data type	Description / Attributes
🔑	id	int	Identity / Auto increment
	username	varchar(50)	
	firstname	varchar(50)	
	lastname	varchar(50)	
	email	varchar(50)	
	password	varchar(65)	
	url_profile	varchar(8000)	Nullable
	address	varchar(65)	Nullable
	city	varchar(50)	Nullable
	zip	int	Nullable

Linked from

	Table	Join	Title / Name / Description
←	users_configure_pages	usersid = users_configure_pagesuser_id	FK_users_con__user___49C3F6B7
←	users_create_discounts	usersid = users_create_discountsuser_id	FK_users_cre__user___4D94879B
←	users_has_roles	usersid = users_has_rolesuser_id	FK_users_has__user___45F365D3
←	users_own_carts	usersid = users_own_cartsuser_id	FK_users_own__user___3E52440B
←	users_participate_events	usersid = users_participate_eventsuser_id	FK_users_par__user___4222D4EF
←	users_perform_orders	usersid = users_perform_ordersuser_id	FK_users_per__user___5165187F

Unique keys

		Name / Description
🔑	id	PK__users__3213E83FC4DA5318
🔑	email	UQ__users__AB6E6164D68D97B7

1.14. Table: users_configure_pages

Columns

		Name	Data type	Description / Attributes
📄	🔑	id	int	Identity / Auto increment
📄		user_id	int	Nullable References: users
📄		page_id	int	Nullable References: pages

Links to

	Table	Join	Title / Name / Description
➤	pages	users_configure_pages page_id = pagesid	FK_users_con__page___4AB81AF0
➤	users	users_configure_pages user_id = usersid	FK_users_con__user___49C3F6B7


Unique keys

		Name / Description
🔑	id	PK__users_co__3213E83FA8DDD962

1.15. Table: users_create_discounts

Columns

		Name	Data type	Description / Attributes
📄	🔑	id	int	Identity / Auto increment
📄		user_id	int	Nullable References: users

		Name	Data type	Description / Attributes
		discount_id	int	Nullable References: discounts

Links to





	Table	Join	Title / Name / Description
➤	discounts	users_create_discounts discount_id = discountsid	FK_users_cre_disco__4E88ABD4
➤	users	users_create_discounts user_id = usersid	FK_users_cre_user__4D94879B

Unique keys

		Name / Description
	id	PK_users_cr__3213E83F4F85DBA7

1.16. Table: users_has_roles

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		user_id	int	Nullable References: users
		role_id	int	Nullable References: roles

Links to





	Table	Join	Title / Name / Description
➤	roles	users_has_roles role_id = rolesid	FK_users_has_role__46E78A0C
➤	users	users_has_roles user_id = usersid	FK_users_has_user__45F365D3

Unique keys

		Name / Description
	id	PK_users_ha__3213E83F70A78483

1.17. Table: users_own_carts

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		user_id	int	Nullable References: users
		event_id	int	Nullable References: events

Links to

	Table	Join	Title / Name / Description
➤	events	users_own_carts event_id = eventsid	FK_users_own_event__3F466844

	Table	Join	Title / Name / Description
➤	users	users_own_carts user_id = usersid	FK_users_own__user___3E52440B

Unique keys

		Name / Description
🔑	id	PK_users_ow__3213E83F6AA7491A

1.18. Table: users_participate_events

Columns

		Name	Data type	Description / Attributes
📄	🔑	id	int	Identity / Auto increment
📄		user_id	int	Nullable References: users
📄		event_id	int	Nullable References: events

Links to

	Table	Join	Title / Name / Description
➤	events	users_participate_events event_id = eventsid	FK_users_par__event__4316F928
➤	users	users_participate_events user_id = usersid	FK_users_par__user___4222D4EF

Unique keys

		Name / Description
🔑	id	PK_users_pa__3213E83F71D4D552

1.19. Table: users_perform_orders

Columns

		Name	Data type	Description / Attributes
📄	🔑	id	int	Identity / Auto increment
📄		user_id	int	Nullable References: users
📄		order_id	int	Nullable References: orders

Links to

	Table	Join	Title / Name / Description
➤	orders	users_perform_orders order_id = ordersid	FK_users_per__order__52593CB8
➤	users	users_perform_orders user_id = usersid	FK_users_per__user___5165187F

Unique keys

		Name / Description
🔑	id	PK_users_pe__3213E83FE7472974