cpnv

Ecommerce@SC-C236-PC05

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@SC-C236-PC05

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_productssupplier_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 = productsid	FK__suppliers__produ__36B12243
⤜	suppliers	**suppliers_supply_products**supplier_id = suppliersid	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	**users**id = users_configure_pagesuser_id	FK__users_con__user___49C3F6B7
⤚<	users_create_discounts	**users**id = users_create_discountsuser_id	FK__users_cre__user___4D94879B
⤚<	users_has_roles	**users**id = users_has_rolesuser_id	FK__users_has__user___45F365D3
⤚<	users_own_carts	**users**id = users_own_cartsuser_id	FK__users_own__user___3E52440B
⤚<	users_participate_events	**users**id = users_participate_eventsuser_id	FK__users_par__user___4222D4EF
⤚<	users_perform_orders	**users**id = 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