UML of the Database

Elias Limouni | January 17, 2020

user_type
- -id: integer
- -name: string
- -description: string

add_type_user()
delete_type_user()
edit_type_user()

user
- -id: integer
- -surname: string
- -name: string
- -login: string
- -hash_pwd: string
- -mail: string
- -registration_date: datetime
- #type_user: smallinteger

add_user()
delete_user()
edit_user()

reduction_value
- #type_user.id: integer
- #reduction.id: integer
- -value: integer

add_reduction_value()
delete_reduction_value()
edit_reduction_value()
delete_type_user()
delete_reduction()

stats_reduction_user
- -id: integer
- #reduction.id: integer
- #user.id: string
- -date: datetime
- -nb_used: integer
- -money_saved: integer

add_stats_reduction()
delete_stats_reduction()
edit_stats_reduction()
delete_user()
deleter_reduction()

seller
- #company.id: integer
- #user.id: string
- -codes_scanned: integer

add_seller()
delete_seller()
edit_seller()
delete_company()
deleter_user()

balance
- #company.id: integer
- #user.id: integer
- -points: integer

add_balance()
delete_balance()
edit_balance()
delete_user()
delete_company()

offer_subscription
- #company.id
- #offer.id
- - subscription_date: date
- - amount: integer

add_offer_subscription()
delete_offer_subscription()
edit_offer_subscription()
delete_company()
delete_offer()

reduction
- -id: integer
- #company.id: smallinteger
- #reduction_type.id: integer
- -cost: integer
- -description: string
- -product: string
- -nb_max: integer
- -creation_date: datetime
- -start_date: datetime
- -expiration_date: datetime
- -repetition: integer

add_offer()
delete_offer()
edit_offer()
delete_company()
delete_reduction_type()

company
- -id: integer
- -name: string
- -hash_pwd: string
- -mail: string
- -phone: string
- -iban: string
- -bic : string
- -card_number : string
- -card_expiration_date : date
- -card_crypto : smallint
- -registration_date: datetime
- #company_type.id : smallinteger

add_company()
delete_company()
edit_company()
delete_company_type()

reduction_type
- -id: integer
- -description: string

add_reduction_type()
delete_reduction_type()
edit_reduction_type()

stats_company
- -id: integer
- #company.id : integer
- #reduction.id : integer
- -times_used : integer

add_company()
delete_company()
edit_company()

offer
- -id: integer
- -name: integer
- -value:integer

add_offer()
delete_offer()
edit_offer()

company_location
- -id: integer
- #company.id : integer
- -location : string

add_company_location()
delete_company_location()
edit_company_location()
delete_company()

company_type
- -id : smallinteger
- -name : string
- -description : string

add_company_type()
delete_company_type()
edit_company_type()

points_earning
- #company.id: integer
- #points_earning_percentage.id : integer
- -value: integer

add_points_earning()
delete_points_earning()
edit_points_earning()
delete_company()
delete_points_earning_type()

points_earning_type
- -id: integer
- -title: string
- -description : string

add_points_earning_type()
delete_points_earning_type()
edit_points_earning_type()

Multiplicities: 0..*, 1, 0..*, 1..*, 0..*, 1..*, 0..*, 0..1, 0..*, 0..2, 1, 0..*, 1..*, 1, 1..*, 1