

Relational schema

currency

currency (**code**, name)

counterpart

counterpart (**counterpart_id**, name, phone_number, address_short, city, postal_code, country, contact_email, category, is_active, created_at, updated_at)

user

user (**user_id**, counterpart_id, first_name, last_name, email, password_hash, role, is_active, created_at, updated_at)

counterpart_id references counterpart.counterpart_id NOT NULL

item

item (**lot_id**, stock_name, purchase_date, supplier_id, origin, responsible_office_id, is_available, created_at, updated_at)

supplier_id references counterpart.counterpart_id NOT NULL

responsible_office_id references counterpart.counterpart_id NOT NULL

white_diamond (**lot_id**, weight_ct, shape, length, width, depth, white_level, clarity)

lot_id references loose_stone.lot_id

colored_diamond (**lot_id**, weight_ct, shape, length, width, depth, gem_type, fancy_intensity, fancy_overtone, fancy_color, clarity)

lot_id references loose_stone.lot_id

colored_gem_stone (**lot_id**, weight_ct, shape, length, width, depth, gem_type, gem_color, treatment)

lot_id references loose_stone.lot_id

action

action (**action_id**, from_counterpart_id, to_counterpart_id, terms, remarks, created_at, updated_at, category, transfer_num, transfer_date, user_id, lot_id, price, currency_code)

from_counterpart_id references counterpart.counterpart_id NOT NULL

to_counterpart_id references counterpart.counterpart_id NOT NULL

user_id references user.user_id NOT NULL

lot_id references item.lot_id NOT NULL

currency_code references currency.code NOT NULL