

Relational Schema

users(sin, name, occupation, birthdate, address)

listings(listing_id, user_sin, listing_type, location, postal_code, address, city, country)

Foreign Key: user_sin maps to sin from users

reviews(review_id, bookings_booking_id, comment_from_tenant, comment_from_host, rating_of_listing, rating_of_host, rating_of_tenant, bookings_booking_id)

Foreign Key: bookings_booking_id maps to booking_id from bookings

bookings(booking_id, tenant_sin, listings_listing_id, start_date, end_date, amount, payment_method, card_number, transaction_date)

Foreign key: tenant_sin maps to user_sin from users, listings_listing_id maps to listing_id from listings

cancelled_bookings(cancelled_booking_id, tenant_sin, listings_listing_id, start_date, end_date, amount, payment_method, card_number, transaction_date)

Foreign key: tenant_sin maps to user_sin from users, listings_listing_id maps to listing_id from listings

availabilities(availability_id, listings_listing_id, start_date, end_date, price_per_night, listings_listing_id) Foreign Key: listings_listing_id maps to listing_id from listings

amenities(amenity_id, amenity_name, impact_on_revenue)