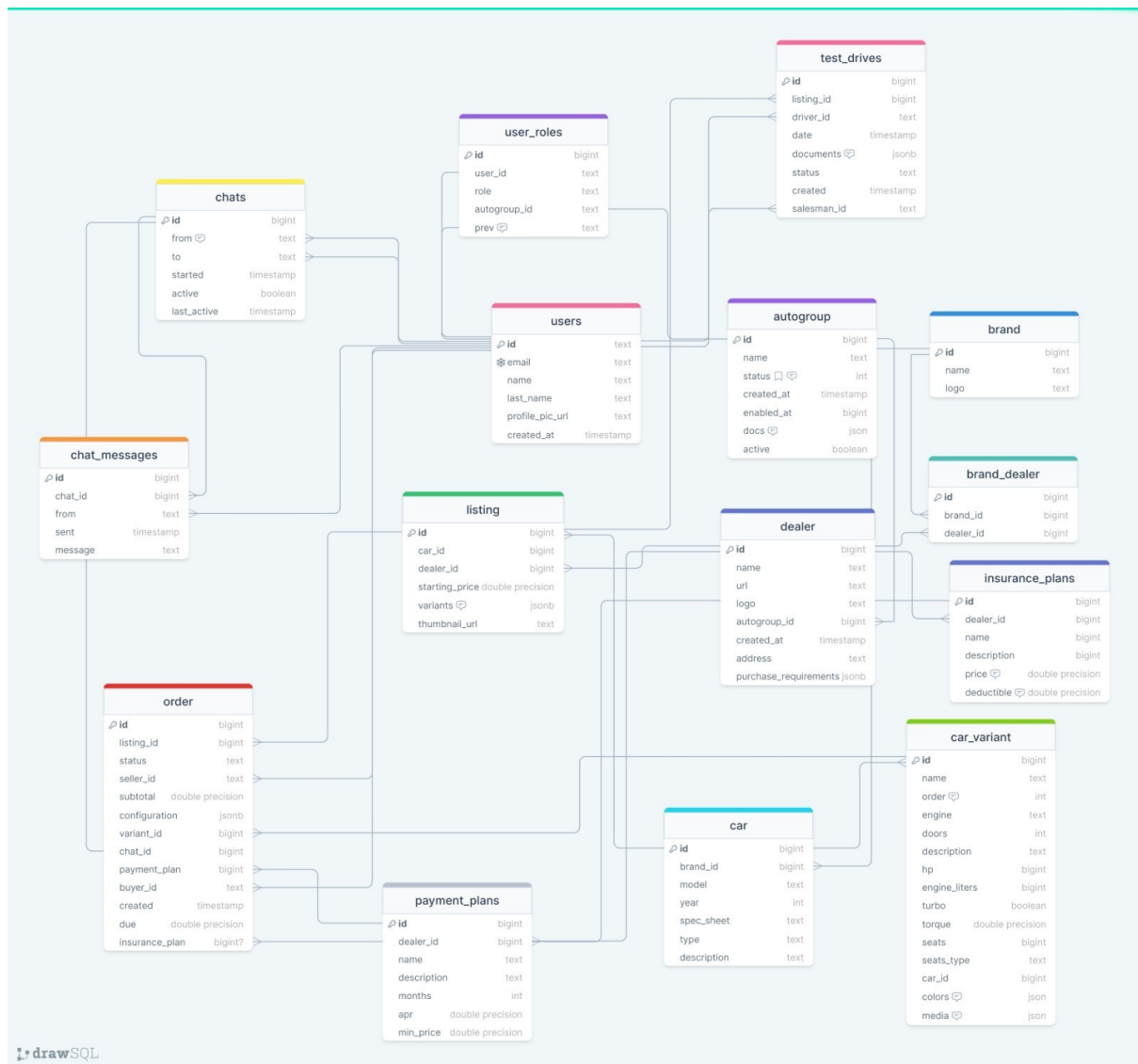


## Team collaborators and roles

Member	Role
Uriel Aguilar	Schema scripts and UML
Manuel Barrera	Views scripts and UML
Miguel Arriaga	Document revisor and organizer
Stephan Guingor	Data insertion scripts
Marco Torres	Data insertion scripts

## Entities and relationships UML diagram



<https://drawsql.app/teams/movu/diagrams/movu>

**DB schema script:**

<https://github.com/IvanDLar/MOVU-BackEnd/blob/main/src/db/dbCreation.sql>

**Data insertion scripts:**

<https://github.com/marcotorresx/movu-cars-data-injection-sql/tree/main>

<https://github.com/IvanDLar/MOVU-BackEnd/blob/main/src/functions/dbFill/index.ts>

**Views scripts:**

<https://github.com/IvanDLar/MOVU-BackEnd/tree/ManuelB/src/db/views>

**Test queries:**

Select Auto Agencies	<pre>CREATE OR REPLACE VIEW myAutoAgencies as   SELECT name, dealership_name, website_url   from dealership INNER JOIN automotive_distributor ON automotive_distributor_id = automotive_distributor.id;  SELECT * FROM myAutoAgencies</pre>
Financial Plans	<pre>CREATE OR REPLACE VIEW availablefinancingPlans as   SELECT dealership_name, hitch, months, interest   FROM financing_plans INNER JOIN dealership on dealership_id = dealership.id;  SELECT * FROM availablefinancingPlans</pre>
Brands	<pre>CREATE or REPLACE VIEW Brand as   SELECT name   from car_models INNER JOIN brands ON brand_id = brands.id; SELECT * from Brand</pre>
Car Variants	<pre>CREATE or REPLACE VIEW carVariants</pre>

	as SELECT name,model,year,spec_sheet,description from car_models INNER JOIN brands ON brand_id = brands.id  INNER JOIN listing ON car_model_id = car_models.id; SELECT * FROM carVariants
my employees	CREATE or REPLACE VIEW my_employee AS SELECT first_name,last_name,email,phone,photo_url,address_line1,address_line2,zip_code,state,dealership_name from employees INNER JOIN addresses ON dealership_id = addresses.id INNER JOIN dealerships ON dealership_id = dealerships.id; select * from my_employee;
my unique cars	CREATE or REPLACE VIEW myUniqueCars as SELECT name,model,year,spec_sheet,description from car_models INNER JOIN brands ON brand_id = brands.id; SELECT * from myUniqueCars
my_users	DROP VIEW my_user; CREATE or REPLACE VIEW my_user AS SELECT first_name,last_name,email,phone,photo_url,address_line1,address_line2,zip_code,state from customers INNER JOIN addresses ON address_id = addresses.id;

	select * from my_user;
Wishlist	CREATE or REPLACE VIEW myWishlist as SELECT customer_id, model,year FROM wish_list INNER JOIN car_models ON car_model_id = car_models.id; SELECT * FROM myWishlist
Specific Brand	CREATE or REPLACE VIEW Brand as SELECT name from car_models INNER JOIN brands ON brand_id = brands.id; SELECT * from Brand where name = 'mercedes'
Specific Client	DROP VIEW my_user; CREATE or REPLACE VIEW my_user AS SELECT first_name,last_name,email,phone,photo_url,address_line1,address_line2,zip_code,state from customers INNER JOIN addresses ON address_id = addresses.id; select * from my_user; where email = "juan@gmail.com"
Specific Wishlist	CREATE or REPLACE VIEW myWishlist as SELECT customer_id, model,year FROM wish_list INNER JOIN car_models ON car_model_id = car_models.id; SELECT * FROM myWishlist where customer_id = "id"

Traffic monitoring:

