Entidades independientes:

Users (Login (JWT)): id, username, password, type (Customers, Suppliers, administrator).

Entidades dependientes (FK)

Person: id, idUsers, name, last name, cellphone, email, date\_register.

Tools\_EquipmentConstruction: id, id\_Suppliers, name, Type (Tool, EquipmentConstruction), Category, description, price\_day, date\_register, status (disponible, alquilada, dañada, en mantenimiento).

Reservations: id, id\_client, idTool\_eqCons, date\_request, start\_date, end\_date, status (pendiente, aprobada, rechazada, finalizada, cancelada).

Payments: id, idReservations, price\_total, payments\_status(pendiente, pagado, fallido), payments\_method, payments\_date.

Invoices: id, idPayments, idclient, name\_hardwareStore, number\_invoice, nit, address, cellphone, date\_registration, date\_vencimiento, invoice\_generation\_date, vr unit, vrTotal, cantidad, url\_firma, end\_total.

Returns\_Deliveries: id, idReservations, delivery\_date, return\_date, status\_equipment(Bueno, dañado, faltante-averiado), commentary.

Notifications: id, idUsers, type (pago, reserva, devolucion, alerta-incidencia), message, date.

Damage\_ Report: id, idTool\_eqCons, idUsers\_report, idReservations, description, Report\_date, status (pendiente, en revision, solucionado).

Statistics: id, idTool\_eqCons, total\_rentals, total\_income, quantity\_timesDamaged.

Relaciones:

Users 🡪 Person 1:1

Tools\_ EquipmentConstruction 🡪 Reservations 1:N

Users 🡪 Tools\_ EquipmentConstruction 1:N (Type = Supplier)

Reservations 🡪 Payments 1:N

Users 🡪 Reservations 1:N (Type = Customer)

Payments 🡪 Invoices 1:1

Users 🡪 Invoices 1:N (Type = Customer)

Reservations 🡪 Returns\_Deliveries 1:1

Users 🡪 Notifications 1:N

Tools\_ EquipmentConstruction 🡪 Damage\_Report 1:N

Users 🡪 Damage\_Report 1:N

Reservations 🡪 Damage\_Report 1:N

Tools\_ EquipmentConstruction 🡪 Statistics 1:1