Supporting Schema (i.e Nested Schema)

BankAccount (NS)

sort_code:String
account_number:String

Experience (NS)

company_name:String
role:String
start_date:Date
end_date:Date
black_marks:String[]
ratings:Number

Insurance (NS)

insurer:String
on_expire:Date
remarks:String

Compensation (NS)

type:String
occurance:String
percentage:Number
amount:Number
currency:String

Address (NS)

building_number:String
street:String
city:String
country:String
pin_code:String

Amount (NS)

currency:String
amount:Number

Shift (NS)

type:String
working_hours:{
start:Number,
end:Number
}

Owners (NS)

full_name:String
address:Address
start_date:Date
end_date:Date

RegularBooking (NS)

occurance:String
frequency:Number
end_date:Date

revenue

id:ObjectID
total_revenue:Amount
operating_cost:Amount
drivers_compensation_cost:Amount
net_profit:Amount
status:String
date:Date

compensation

amount:Number
id:ObjectId
driver_id:foreign_key
operator_id:foreign_key
transaction_reference:String
transaction_amount:Amount
transaction_for:type:String
type_of_transaction:type:String
status:type:String
bank_account:BankAccount
payment_date:Date

shift_histories

id:ObjectId
role:type:String
drivers_id:foreign_key
operator_id:foreign_key
shift:Shift
shift_start_time:Date
shift_end_time:Date

drivers

id:ObjectID
full_name:String
gender:String
email:String
phone_number:String
date_of_birth:Date
driver_code:String
ni_number: String
address:Address
license_number:String
shift:Shift
bank_account:BankAccount
compensation:Compensation
experience:Experience

vehicles

id:ObjectID
registration_number: String,
registration_date: Date
identification_number: String,
type_of_vehicle: String,
manufacturer: String,
model: String,
fuel: String,
latest_mot: Date,
insurance: Insurance,
owners: Owners[],
allowed_passengers: Number,
driver_id:foreign_key

payments

id:ObjectId
client_id:foreign_key
booking_id:foreign_key
cash_machine_id:String
collected_by:String
transaction_reference:String
card:String
paid_amount:Amount
type_of_transaction:type:String
status:type:String
refund:String
payment_date:Date

bookings

id:ObjectId
amount:Amount
client_id:foreign_key
vehicle_id:foreign_key
driver_id:foreign_key
operator_id:foreign_key
pickup_location:Address
drop_location:Address
no_of_passengers:type:Number
status:type:String
remarks:String
waiting_time_charge:Amount
service_fees:Amount
tax_fees:Amount
total_amount:Amount
trip_distance=Number
waiting_time_in_minutes:Number
total_trip_time_in_minutes:Number
on_peak:type:Boolean
is_regular_booking:type:Boolean
booking_date:Date
driver_rating:type:Number
operator_rating:type:Number

clients

id:ObjectID
full_name:String
gender:String
age:Number
email:String
phone_number:String
date_of_birth:Date
client_type:String
regular_bookings:RegularBooking
address:Address
bank_account:BankAccount
discount:Number

operators

id:ObjectID
full_Name:String
gender:String
date_of_birth:Date
email:String
phone_number:String
operator_code:String
ni_number:String
address:Object
shift:Object
bank_account:BankAccount
compensation:Compensation
experience:Experience[]