Car Rental Project

Textual Relational Schema

Person (PersonID: Integer, NationalID: String, FirstName: String, LastName: String, Age: Integer, Gender: Character, PhoneNumber: String, Address: String, Email: String, DateOfBirth: Date)

Customers (PersonID: Integer, LicenceNumberID: Integer)

Employees (PersonID: Integer, Salary: Integer, Permissions: Integer, JobStartingDate: Date, JobEndingDate: Date, ManagerID: Integer)

Licenses (LicenceNumberID: Integer, LicenceNumber: String, StartingDate: Date, EndingDate: Date, IsValid: Boolean)

RentalContracts (ContractID: Integer, CustomerID: Integer, CarID: Integer, StartingDate: Date, EndingDate: Date, PaymentID: Integer, ApprovedByID: Integer)

PenaltyTypes (PenaltyTypeID: Integer, TypeName: String, Description: String)

Penalties (PenaltyID: Integer, PenaltyType: Integer, PenaltyPrice: Integer, Note: String, ContractID: Integer)

CarsCatalogs (CarID: Integer, PlateNumber: String, CarName: String, Status: Integer, CarCategoryID: Integer, FuelType: Integer, FuelLevel: Integer, DistanceKM: Integer, ModelYear: String)

CarCategories (CategoryID: Integer, CategoryName: String, PricePerDay: Integer)

Payments (PaymentID: Integer, DiscountID: Integer, PaymentType: Integer, TotalPrice: Integer, PaidPrice: Integer, IssuedBy: Integer)

Discounts (DiscountID: Integer, DiscountPercentage: Integer, Note: String)

ReturningRecords (RecordCode: Integer, ContractID: Integer, ActualReturnDate: Date, FinalVehicleCheckNotes: String, ConsumedMileage: Integer, LateDays: Integer, AdditionalCharge: Integer)