Tables (7)

Name	Type	Schema
Branches		CREATE TABLE Branches (BranchID INTEGER PRIMARY KEY AUTOINCREMENT, City_Name TEXT(50), Street_Address TEXT(150), Zip_Code TEXT(10))
BranchID	INTEGER	"BranchID" INTEGER
City_Name	TEXT(50)	"City_Name" TEXT(50)
Street_Address	TEXT(150)	"Street_Address" TEXT(150)
Zip_Code	TEXT(10)	"Zip_Code" TEXT(10)
Clients		CREATE TABLE Clients (ClientID INTEGER PRIMARY KEY AUTOINCREMENT, First_Name TEXT(50), Last_Name TEXT(50), Gender TEXT CHECK(Gender IN ('Male', 'Female', 'Other')), Email_Address TEXT(100) UNIQUE, Phone_Number TEXT(20), Client_Rating TEXT CHECK(Client_Rating IN ('Poor', 'Average', 'Good', 'Excellent')), -- Ordinal Signup_Date TEXT -- Use TEXT for dates in SQLite, format as YYYY-MM-DD)
ClientID	INTEGER	"ClientID" INTEGER
First_Name	TEXT(50)	"First_Name" TEXT(50)
Last_Name	TEXT(50)	"Last_Name" TEXT(50)
Gender	TEXT	"Gender" TEXT CHECK("Gender" IN ('Male', 'Female', 'Other'))
Email_Address	TEXT(100)	"Email_Address" TEXT(100) UNIQUE
Phone_Number	TEXT(20)	"Phone_Number" TEXT(20)
Client_Rating	TEXT	"Client_Rating" TEXT CHECK("Client_Rating" IN ('Poor', 'Average', 'Good', 'Excellent'))
Signup_Date	TEXT	"Signup_Date" TEXT
Rental_Records		CREATE TABLE Rental_Records (RecordID INTEGER PRIMARY KEY AUTOINCREMENT, Client_ID INTEGER, Vehicle_ID INTEGER, Staff_ID INTEGER, Pickup_Branch_ID INTEGER, Return_Branch_ID INTEGER, Start_Time TEXT, -- Use TEXT for datetime, format as YYYY-MM-DD HH:MM:SS End_Time TEXT, -- Use TEXT for datetime Total_Cost REAL, -- Use REAL for decimal FOREIGN KEY (Client_ID) REFERENCES Clients(ClientID), FOREIGN KEY (Vehicle_ID) REFERENCES Vehicles(VehicleID), FOREIGN KEY (Staff_ID) REFERENCES Staff(StaffID), FOREIGN KEY (Pickup_Branch_ID) REFERENCES Branches(BranchID), FOREIGN KEY (Return_Branch_ID) REFERENCES Branches(BranchID))
RecordID	INTEGER	"RecordID" INTEGER
Client_ID	INTEGER	"Client_ID" INTEGER
Vehicle_ID	INTEGER	"Vehicle_ID" INTEGER
Staff_ID	INTEGER	"Staff_ID" INTEGER
Pickup_Branch_ID	INTEGER	"Pickup_Branch_ID" INTEGER
Return_Branch_ID	INTEGER	"Return_Branch_ID" INTEGER
Start_Time	TEXT	"Start_Time" TEXT
End_Time	TEXT	"End_Time" TEXT
Total_Cost	REAL	"Total_Cost" REAL
Staff		CREATE TABLE Staff (StaffID INTEGER PRIMARY KEY AUTOINCREMENT, First_Name TEXT(50), Last_Name TEXT(50), Job_Role TEXT CHECK(Job_Role IN ('Manager', 'Agent', 'Cleaner', 'Technician')), Start_Date TEXT, -- Use TEXT for dates Monthly_Salary REAL -- Use REAL for decimal)
StaffID	INTEGER	"StaffID" INTEGER
First_Name	TEXT(50)	"First_Name" TEXT(50)
Last_Name	TEXT(50)	"Last_Name" TEXT(50)
Job_Role	TEXT	"Job_Role" TEXT CHECK("Job_Role" IN ('Manager', 'Agent', 'Cleaner', 'Technician'))
Start_Date	TEXT	"Start_Date" TEXT
Monthly_Salary	REAL	"Monthly_Salary" REAL
		CREATE TABLE Transaction_Records(TransactionID INTEGER PRIMARY

Name	Type	Schema
Transaction_Records		KEY AUTOINCREMENT, Record_ID INTEGER, Payment_Timestamp TEXT, -- Use TEXT for datetime Payment_Type TEXT CHECK(Payment_Type IN ('Credit Card', 'Debit Card', 'Cash', 'Online')), -- Nominal Paid_Amount REAL, -- Use REAL for decimal FOREIGN KEY (Record_ID) REFERENCES Rental_Records(RecordID))
TransactionID	INTEGER	"TransactionID" INTEGER
Record_ID	INTEGER	"Record_ID" INTEGER
Payment_Timestamp	TEXT	"Payment_Timestamp" TEXT
Payment_Type	TEXT	"Payment_Type" TEXT CHECK("Payment_Type" IN ('Credit Card', 'Debit Card', 'Cash', 'Online'))
Paid_Amount	REAL	"Paid_Amount" REAL
Vehicles		CREATE TABLE Vehicles (VehicleID INTEGER PRIMARY KEY AUTOINCREMENT, Brand TEXT(50), Model_Name TEXT(50), Manufacture_Year INTEGER, -- Use INTEGER for year Vehicle_Type TEXT CHECK(Vehicle_Type IN ('SUV', 'Sedan', 'Hatchback', 'Truck', 'Convertible')), -- Nominal Condition_Status TEXT CHECK(Condition_Status IN ('New', 'Good', 'Average', 'Old')), -- Ordinal Mileage_Reading REAL, -- Use REAL for decimal Rental_Price REAL, -- Use REAL for decimal Is_Available INTEGER DEFAULT 1 CHECK(Is_Available IN (0, 1)) -- 1 for TRUE, 0 for FALSE)
VehicleID	INTEGER	"VehicleID" INTEGER
Brand	TEXT(50)	"Brand" TEXT(50)
Model_Name	TEXT(50)	"Model_Name" TEXT(50)
Manufacture_Year	INTEGER	"Manufacture_Year" INTEGER
Vehicle_Type	TEXT	"Vehicle_Type" TEXT CHECK("Vehicle_Type" IN ('SUV', 'Sedan', 'Hatchback', 'Truck', 'Convertible'))
Condition_Status	TEXT	"Condition_Status" TEXT CHECK("Condition_Status" IN ('New', 'Good', 'Average', 'Old'))
Mileage_Reading	REAL	"Mileage_Reading" REAL
Rental_Price	REAL	"Rental_Price" REAL
Is_Available	INTEGER	"Is_Available" INTEGER DEFAULT 1 CHECK("Is_Available" IN (0, 1))
sqlite_sequence		CREATE TABLE sqlite_sequence(name,seq)
name		"name"
seq		"seq"

Indices (0)

Name	Type	Schema

Views (0)

Name	Type	Schema

Triggers (0)

Name	Type	Schema

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Name	Type	Schema
Tables (7)		
Branches		CREATE TABLE Branches (BranchID INTEGER PRIMARY KEY AUTOINCREMENT, City_Name TEXT(50), Street_Address TEXT(150), Zip_Code TEXT(10))
Clients		CREATE TABLE Clients (ClientID INTEGER PRIMARY KEY AUTOINCREMENT, First_Name TEXT(50),

Name	Type	Schema
		Last_Name TEXT(50), Gender TEXT CHECK(Gender IN ('Male', 'Female', 'Other')), Email_Address TEXT(100) UNIQUE, Phone_Number TEXT(20), Client_Rating TEXT CHECK(Client_Rating IN ('Poor', 'Average', 'Good', 'Excellent')), -- Ordinal Signup_Date TEXT -- Use TEXT for dates in SQLite, format as YYYY-MM-DD)
Rental_Records		CREATE TABLE Rental_Records (RecordID INTEGER PRIMARY KEY AUTOINCREMENT, Client_ID INTEGER, Vehicle_ID INTEGER, Staff_ID INTEGER, Pickup_Branch_ID INTEGER, Return_Branch_ID INTEGER, Start_Time TEXT, -- Use TEXT for datetime, format as YYYY-MM-DD HH:MM:SS End_Time TEXT, -- Use TEXT for datetime Total_Cost REAL, -- Use REAL for decimal FOREIGN KEY (Client_ID) REFERENCES Clients(ClientID), FOREIGN KEY (Vehicle_ID) REFERENCES Vehicles(VehicleID), FOREIGN KEY (Staff_ID) REFERENCES Staff(StaffID), FOREIGN KEY (Pickup_Branch_ID) REFERENCES Branches(BranchID), FOREIGN KEY (Return_Branch_ID) REFERENCES Branches(BranchID))
Staff		CREATE TABLE Staff (StaffID INTEGER PRIMARY KEY AUTOINCREMENT, First_Name TEXT(50), Last_Name TEXT(50), Job_Role TEXT CHECK(Job_Role IN ('Manager', 'Agent', 'Cleaner', 'Technician')), Start_Date TEXT, -- Use TEXT for dates Monthly_Salary REAL -- Use REAL for decimal)
Transaction_Records		CREATE TABLE Transaction_Records(TransactionID INTEGER PRIMARY KEY AUTOINCREMENT, Record_ID INTEGER, Payment_Timestamp TEXT, -- Use TEXT for datetime Payment_Type TEXT CHECK(Payment_Type IN ('Credit Card', 'Debit Card', 'Cash', 'Online')), -- Nominal Paid_Amount REAL, -- Use REAL for decimal FOREIGN KEY (Record_ID) REFERENCES Rental_Records(RecordID))
Vehicles		CREATE TABLE Vehicles (VehicleID INTEGER PRIMARY KEY AUTOINCREMENT, Brand TEXT(50), Model_Name TEXT(50), Manufacture_Year INTEGER, -- Use INTEGER for year Vehicle_Type TEXT CHECK(Vehicle_Type IN ('SUV', 'Sedan', 'Hatchback', 'Truck', 'Convertible')), -- Nominal Condition_Status TEXT CHECK(Condition_Status IN ('New', 'Good', 'Average', 'Old')), -- Ordinal Mileage_Reading REAL, -- Use REAL for decimal Rental_Price REAL, -- Use REAL for decimal Is_Available INTEGER DEFAULT 1 CHECK(Is_Available IN (0, 1)) -- 1 for TRUE, 0 for FALSE)
sqlite_sequence		CREATE TABLE sqlite_sequence(name,seq)
Indices (0)		
Views (0)		
Triggers (0)		