

User Guide: Car Rental App

🚗 Introduction

The **Car Rental App** is a simple and intuitive platform that allows users to **view, rent, and return** cars with ease. It integrates a map view to help users locate and book vehicles conveniently.

Car Rental App

Available Cars (17) Rented Cars (3)

Search by car model, vendor, or type

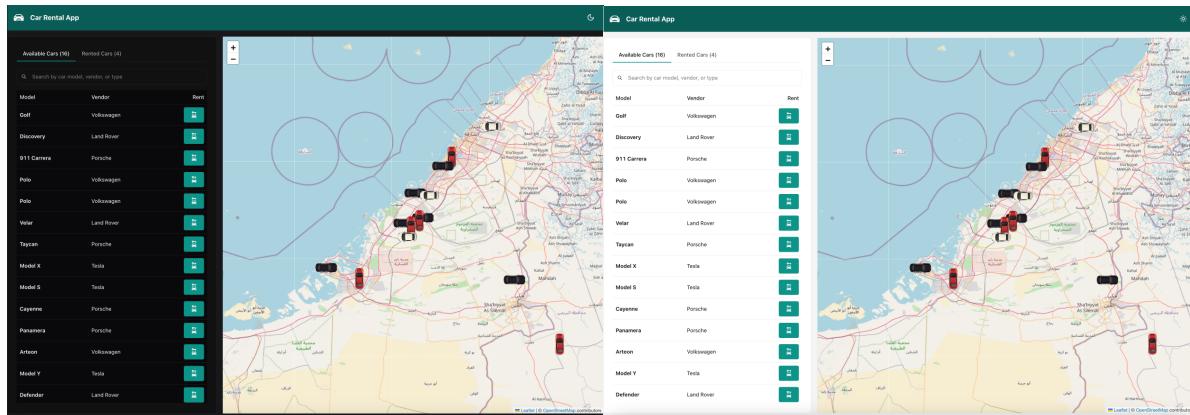
Model	Vendor	Rent
Golf	Volkswagen	🔍
Discovery	Land Rover	🔍
911 Carrera	Porsche	🔍
Range Rover Sport	Land Rover	🔍
Polo	Volkswagen	🔍
Polo	Volkswagen	🔍
Velar	Land Rover	🔍
Taycan	Porsche	🔍
Model X	Tesla	🔍
Model S	Tesla	🔍
Cayenne	Porsche	🔍
Panamera	Porsche	🔍
Arteon	Volkswagen	🔍
Model Y	Tesla	🔍

Map View: A detailed map of the coastal region, likely the UAE, showing major cities like Dubai, Abu Dhabi, and Sharjah. The map includes a legend for roads, water bodies, and landmarks. Several red car icons are placed on the map, indicating the locations of available rental cars. A sidebar on the left provides zoom controls (+/-).

Leaflet | © OpenStreetMap contributors

🎨 App Theme

The app supports both **light** and **dark** themes. By default, it applies the **system's theme setting**. Users can toggle between themes using the switch located at the **top-right corner** of the app.



gMaps Map View

The **Map View** displays **only the available cars**, marked with their current locations. This provides users with a quick glance at what's nearby and available for rent.

Legend:



Sedan



SUV



Hatchback

Renting a Car

Users have **two options** to start renting a car:

1. From the Left Panel

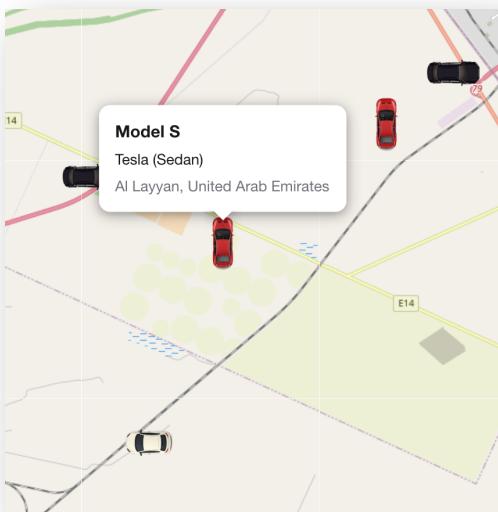
(On smaller screens (like mobile), this panel is available **below the map view.**)

Click on the Rent Button

Available Cars (16)		Rented Cars (4)
<input type="text"/> Search by car model, vendor, or type		
Model	Vendor	Rent
Golf	Volkswagen	
Discovery	Land Rover	
911 Carrera	Porsche	
Polo	Volkswagen	
Polo	Volkswagen	
Velar	Land Rover	

2. Directly from the Map View

Click on a car marker to select a vehicle.



After selecting a car, a **modal window** opens showing:

- Car image
- Model details
- Location information

Rent: Range Rover Sport



Range Rover Sport
Land Rover (SUV)
Ajman Emirate, United Arab Emirates
Location: 25.39117928167583, 55.55511474609376

Booked By *

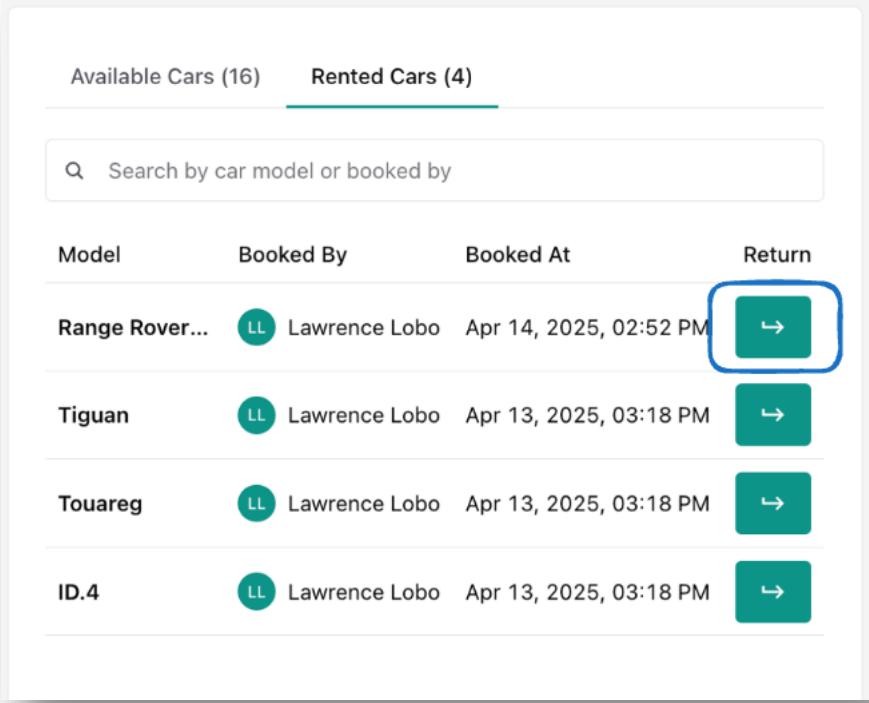
To complete the booking:

- Enter **user name** in the “Booked by” field
 - Click the **Rent** button
-

Returning a Car

To return a rented car:

1. Go to the **Left Panel** (or bottom panel on mobile)
2. Navigate to the “**Rented Cars**” tab
3. Select the car to be returned



Model	Booked By	Booked At	Return
Range Rover...	 Lawrence Lobo	Apr 14, 2025, 02:52 PM	
Tiguan	 Lawrence Lobo	Apr 13, 2025, 03:18 PM	
Touareg	 Lawrence Lobo	Apr 13, 2025, 03:18 PM	
ID.4	 Lawrence Lobo	Apr 13, 2025, 03:18 PM	

A modal window will open with:

- Car details
- Booked by and booking time info

Return: Touareg



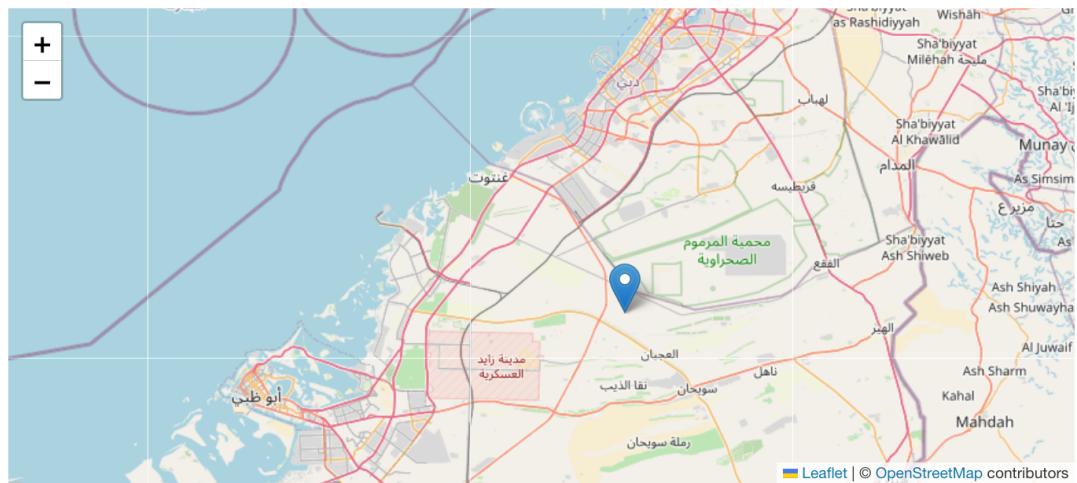
Touareg

Volkswagen (SUV)

Booked By: Lawrence Lobo

Booked At: Apr 13, 2025, 03:18 PM

Click on the map to select a drop location



Drop Location: 24.6152, 55.1816

Cancel

Return

To return:

- Click on the **map view** to select the **return/drop location**
- Zoom in to ensure location accuracy
- The system will auto-detect the **address** from the selected coordinates
- Click the **Return** button

Once the process is complete, the car will reappear on the **map view** as an available car.

Search Support

The app provides search capabilities during both **renting** and **returning**:

- **Renting:**

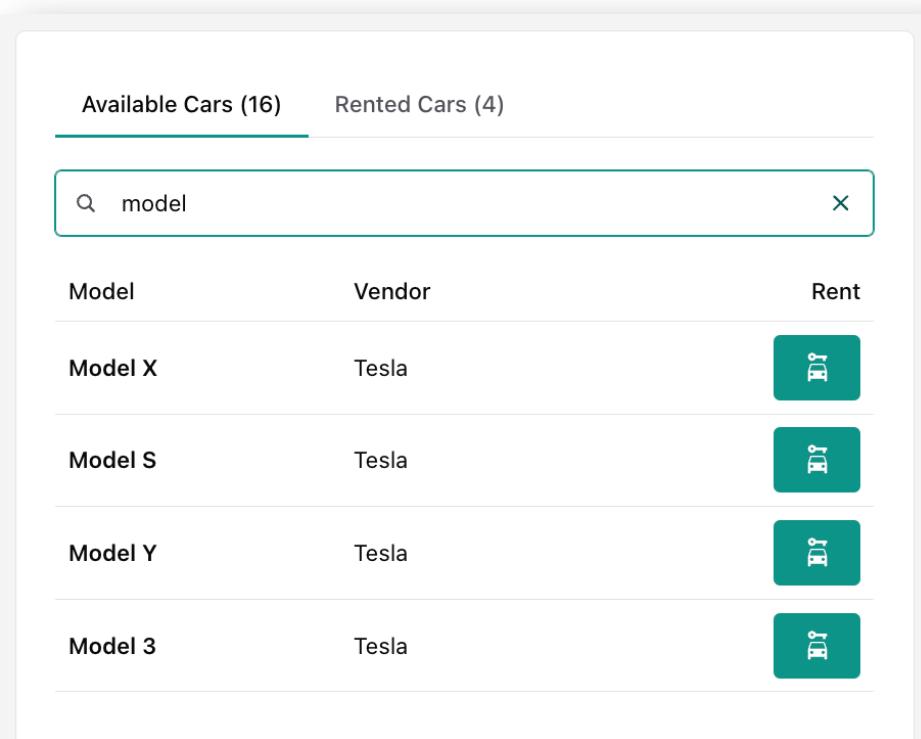
Users can use a **free-text search field** to search by:

- Model
- Vendor
- Type (sedan, SUV, hatchback)

- **Returning:**

Users can search by:

- Car model
- Name of the person who booked the car



The screenshot shows a mobile application interface for managing car rentals. At the top, there are two tabs: "Available Cars (16)" which is underlined in blue, and "Rented Cars (4)". Below the tabs is a search bar with a magnifying glass icon, the placeholder text "model", and a clear button (X). The main area displays a table of available cars. The columns are "Model", "Vendor", and "Rent". There are four rows, each representing a Tesla model: Model X, Model S, Model Y, and Model 3. Each row has "Tesla" listed under "Vendor" and a teal "Rent" button with a white car icon and a key icon. The entire interface is set against a light gray background.

Model	Vendor	Rent
Model X	Tesla	
Model S	Tesla	
Model Y	Tesla	
Model 3	Tesla	

📱 Mobile Screen Layouts

The image displays a mobile application interface for a car rental service. At the top, there is a dark green header bar with the title "Car Rental App" in white text, accompanied by a car icon on the left and a circular navigation icon on the right.

The main content area features a map of a region, likely the UAE, with several red and white car icons indicating available rental locations. The map includes place names such as "أم القيوين", "الشارقة", "عجمان", "الإمارات", "المنطقة", "الصحراء", "العين", "فطة البريمي", "مودع", "الدمام", and "القطيف". A copyright notice at the bottom of the map reads "Leaflet | © OpenStreetMap contributors".

Below the map, there is a section titled "Available Cars (16)" which is currently active, indicated by a teal underline. To its right is a section titled "Rented Cars (4)".

A search bar is present with the placeholder text "Search by car model, vendor, or type".

The main list area contains four rows of car information:

Model	Vendor	Rent
Golf	Volkswagen	
Discovery	Land Rover	
911 Carrera	Porsche	
Polo	Volkswagen	

