

Offer Vehicle: Your Hub for Efficient Vehicle Management

1. Executive Summary

This report introduces the "Offer Vehicle" feature within the Marketplace module, a powerful tool designed to simplify how you manage and monitor your fleet. In plain language, it gives you a complete overview of all your vehicles, whether they are ready for use, assigned to a task, or temporarily out of service.

The key benefit for you is **streamlined vehicle management**: quickly list vehicles for booking, easily track their current status, and ensure accurate availability, all from one central location. This means less time spent manually checking vehicle statuses and more confidence in your operational readiness. You'll gain peace of mind knowing your vehicle data is always up-to-date and accessible.

2. Introduction

Managing a fleet of vehicles can be complex. You need to know which vehicles are available, which are currently assigned, and which might be temporarily out of commission. This often involves juggling multiple spreadsheets or systems, leading to errors and delays.

The "Offer Vehicle" submodule directly addresses these pain points. Its purpose is to provide a single, clear, and real-time view of your entire vehicle fleet within the Marketplace. It helps you efficiently manage vehicles intended for rental, lease, or service by centralizing their availability and status information.

Here, we'll use a few simple terms:

- **Available Vehicles:** Vehicles that are ready and waiting to be booked or assigned.
- **Offered Vehicles:** Vehicles you have explicitly marked as available for booking in the Marketplace.
- **Assigned Vehicles:** Vehicles that are currently in use or allocated to a specific task.
- **Blocked Vehicles:** Vehicles that are temporarily unavailable for booking or use (e.g., for maintenance, cleaning).

3. Main Content (User-Focused Sections)

What This Means for You

The "Offer Vehicle" feature empowers you with precise control and visibility over your fleet, leading to:

- **Less time spent on manual tracking:** Quickly see vehicle statuses without needing to cross-reference different sources.
- **Peace of mind knowing accurate availability:** Always know which vehicles are ready for booking or assignment, preventing double-bookings or missed opportunities.
- **Faster decision-making:** Easily identify available vehicles for new requests or quickly locate assigned vehicles for status updates.
- **Improved operational efficiency:** Streamline your workflow for listing, assigning, and blocking vehicles, making your day-to-day tasks smoother.
- **Better resource allocation:** Understand your fleet's capacity at a glance to make smarter allocation choices.

How It Works

The "Offer Vehicle" submodule acts as your central dashboard for all vehicle-related activities within the Marketplace. It consolidates information from various vehicle lists, allowing you to manage their status and view crucial details.

The general workflow, as illustrated in the flowchart, involves accessing the module, then navigating through different tabs or sections to view specific categories of vehicles: All Vehicles, Available Vehicles, Offered Vehicles, Assigned Vehicles, and Blocked Vehicles. You can search, filter, and update vehicle statuses directly from these views.

Offer Vehicle Sub Module Flowchart



Getting Started

Follow these simple steps to begin using the "Offer Vehicle" feature:

- 1. **Open the application** and **Log in** to your account.
- 2. **Navigate to "Marketplace"** from the main menu.

3. Click on **"Offer Vehicle"** to access the submodule.
4. From here, you can click on **"All Vehicles"**, **"Offered Vehicles"**, **"Assigned Vehicles"**, **"Available Vehicles"**, or **"Blocked Vehicles"** tabs to view the respective lists.
5. To make a vehicle available for booking, navigate to "All Vehicles" and **toggle the availability switch** next to the desired vehicle. This will move it to the "Offered Vehicles" list.
6. To find a specific vehicle, use the search bar and **enter the Vehicle Number, Vehicle Type, or Vehicle Capacity**.
7. To view detailed information about any vehicle, **click on its entry** in the list.

Key Features You'll Use

- **Comprehensive Vehicle Lists:** Access "All Vehicles" to see every vehicle in your fleet, "Offered Vehicles" for those available for booking, "Assigned Vehicles" for those currently in use, "Available Vehicles" for general readiness, and "Blocked Vehicles" for those temporarily out of service.
- **Real-time Availability Toggle:** Easily change a vehicle's booking status with a simple **toggle button**. When you click it, the vehicle's availability status updates immediately across the system.
- **Efficient Search and Filtering:** Quickly locate specific vehicles using the **search bar**. You can search by **Vehicle Number**, filter by **Vehicle Type** (e.g., Passenger, Cargo), or narrow down results by **Vehicle Capacity** (e.g., "4-8 passengers").
- **Detailed Vehicle Information:** When you **click on a listed vehicle**, you'll see all its relevant details, including vehicle number, type, and current availability.
- **Responsive Display:** All vehicle lists are designed to display correctly and be fully functional on various screen sizes and devices (desktops, tablets, and mobiles).

Common Scenarios

Here's how "Offer Vehicle" helps you in real-world situations:

- **"I want to make a vehicle available for an urgent booking."**
 - Navigate to "All Vehicles," **locate the vehicle**, and **click the toggle button** to mark it as available. It will instantly appear in "Offered Vehicles."
- **"I need to quickly find out which vehicles are assigned to ongoing trips."**
 - **Click on the "Assigned Vehicles" tab** to see a complete list of all currently assigned vehicles, along with their key details.
- **"A customer needs a 6-passenger vehicle. How do I find one quickly?"**
 - Go to "Available Vehicles" or "Offered Vehicles," then use the search bar or filter option to **enter "6 passengers" (or select the capacity range)** to see matching vehicles.
- **"I want to take a vehicle out of service for maintenance."**
 - Find the vehicle in "Available Vehicles" and **click the 'block' option**. The vehicle will then move to the "Blocked Vehicles" list, and its count will update instantly.
- **"I'm trying to find a specific vehicle but only know its registration number."**
 - Use the **Vehicle Number search field** on any of the vehicle list screens (All, Offered, Assigned, Available, Blocked) to quickly pull up its details.

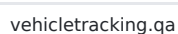
What to Expect

After successfully using the "Offer Vehicle" features, you can expect:

- **Accurate Counts:** The total count of all vehicles, offered vehicles, assigned vehicles, and blocked vehicles will be clearly displayed and will update automatically as you make changes.

- #### 4. Visual Elements & Supporting Information

Available	Vehicles	Screen
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Assigned

Vehicles

Screen

100 Vehicles Online

All Vehicles (100)

Offered (50)

Assigned Vehicles (15)

Available (35)

Blocked (0)

Vehicle Name, No., Reg. No, IMEL...

Vehicle Category

Vehicle Capacity

Transportation Type

Vehicle Name

Volvo Transport

Vehicle Number

MH-12-5022

Driver Name

Mr. John Doe

IMEI No.

1234567894561230

Vehicle Type

Truck

Vehicle Capacity

60

Vehicle Name

Volvo Transport

Vehicle Number

MH-12-5022

Driver Name

Mr. John Doe

IMEI No.

1234567894561230

Vehicle Type

Truck

Vehicle Capacity

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Vehicle Name

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Mr. John Doe

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1234567894561230

Vehicle Type

Truck

Vehicle Capacity

60

All

Vehicles

List

Screen

100 Vehicles Online

All Vehicles (100)

Offered (50)

Assigned Vehicles (15)

Available (35)

Blocked (0)

Vehicle Name, No., Reg. No, IMEL...

Vehicle Category

Vehicle Capacity

Transportation Type

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IMEI No.

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Truck

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60

Showing 1 - 10 of 200

Offered	Vehicle	Details	Screen
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100 Vehicles Online

All Vehicles (100)

Offered (50)

Assigned Vehicles (15)

Available (35)

Blocked (0)

Vehicle Name/No., Reg. No, IMEL..

Vehicle Category

Vehicle Capacity

Transportation Type

Vehicle Name

Volvo Transport

Vehicle Number

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Vehicle Number

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Driver Name

Mr. John Doe

IMEI No.

1234567894561230

Vehicle Type

Truck

Vehicle Capacity

60

Blocked	Vehicle	Count	Screen
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100 Vehicles Online

All Vehicles (100)
Offered (50)
Assigned Vehicles (15)
Available (35)
Blocked (0)

Vehicle Name, No., Reg. No, IMEI...

Vehicle Category

Vehicle Capacity

Transportation Type

Vehicle Name
Volvo Transport

Vehicle Number
MH-12-5022

Driver Name
Mr. John Doe

IMEI No.
1234567894561230

Vehicle Type
Truck

Vehicle Capacity
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Vehicle Name
Volvo Transport

Vehicle Number
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Driver Name
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Vehicle Type
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Vehicle Capacity
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Field Validation Table

The "Offer Vehicle" submodule includes input fields to help you search and filter your vehicle lists effectively. Here's a breakdown of these key fields:

Field Name	Mandatory	Field Type	Data Type	Field Size	Is Editable	Description
Vehicle Number	No	Text	String (alphanumeric)	Standard	Yes	Use this field to find specific vehicles by their unique registration or identification number. The system will prevent you from entering special characters.
Vehicle Type	No	Dropdown/Select	String	N/A	Yes	Filter the list to show only vehicles of a specific category or type (e.g., 'Passenger', 'Cargo', 'Bus').
Vehicle Capacity	No	Text	Number / String	Standard	Yes	Refine your search to display vehicles that can accommodate a specific number of passengers or have a certain carrying capacity (e.g., "4-8 passengers").

5. Summary & Benefits

The "Offer Vehicle" submodule in the Marketplace is your essential tool for mastering fleet management. By providing a clear, accurate, and real-time overview of your vehicles, it empowers you to:

- **Save time** by quickly finding the information you need.
- **Make informed decisions** about vehicle allocation and availability.
- **Improve efficiency** in managing your fleet's lifecycle.
- **Ensure data accuracy** with robust input validation.

This feature is designed to simplify complex tasks, ensuring that your vehicle operations run smoothly, efficiently, and with the utmost clarity, directly contributing to your overall business goals.