

Point of Interest: Your Guide to Smarter Location Management

1. Executive Summary

This report introduces the **Point of Interest (POI)** feature, a powerful tool designed to help you easily mark, save, and manage important locations. Whether it's your office, a customer's warehouse, or frequent delivery spots, POI simplifies tracking and accessing these critical places. By centralizing location data, you'll spend less time searching for addresses and more time focusing on your core tasks, leading to improved route planning, faster navigation, and overall peace of mind knowing your key locations are always at your fingertips.

2. Introduction

Are you tired of constantly looking up the same addresses or struggling to pinpoint exact locations on a map? The "Point of Interest" feature is here to solve that challenge. It allows you to **define and save specific geographical locations** that are important to your operations. Think of it as your personalized digital map of critical places.

The main purpose of this feature is to:

- **Simplify Location Tracking:** Easily mark places like offices, warehouses, or customer sites.
- **Enhance Route Planning:** Use saved POIs for more efficient trip scheduling and navigation.
- **Improve Data Accuracy:** Ensure consistent and reliable location data across your system.

In plain terms, a **Point of Interest (POI)** is simply any location that holds significance for you or your business, identified by a name, address, and precise geographic coordinates (latitude and longitude).

3. Main Content

What This Means for You

Using the Point of Interest feature brings several key benefits:

- **Less time spent on manual address entry:** Save frequently used locations once and access them instantly.
- **Peace of mind knowing critical locations are accurately mapped:** Reduce errors in route planning and navigation.
- **Improved efficiency in managing your operations:** Quickly find, update, and share important location details.
- **Better oversight of your assets and movements:** Track where vehicles or personnel are relative to your defined POIs.
- **Faster report generation:** Easily download comprehensive details of your saved locations for analysis or auditing.

How It Works

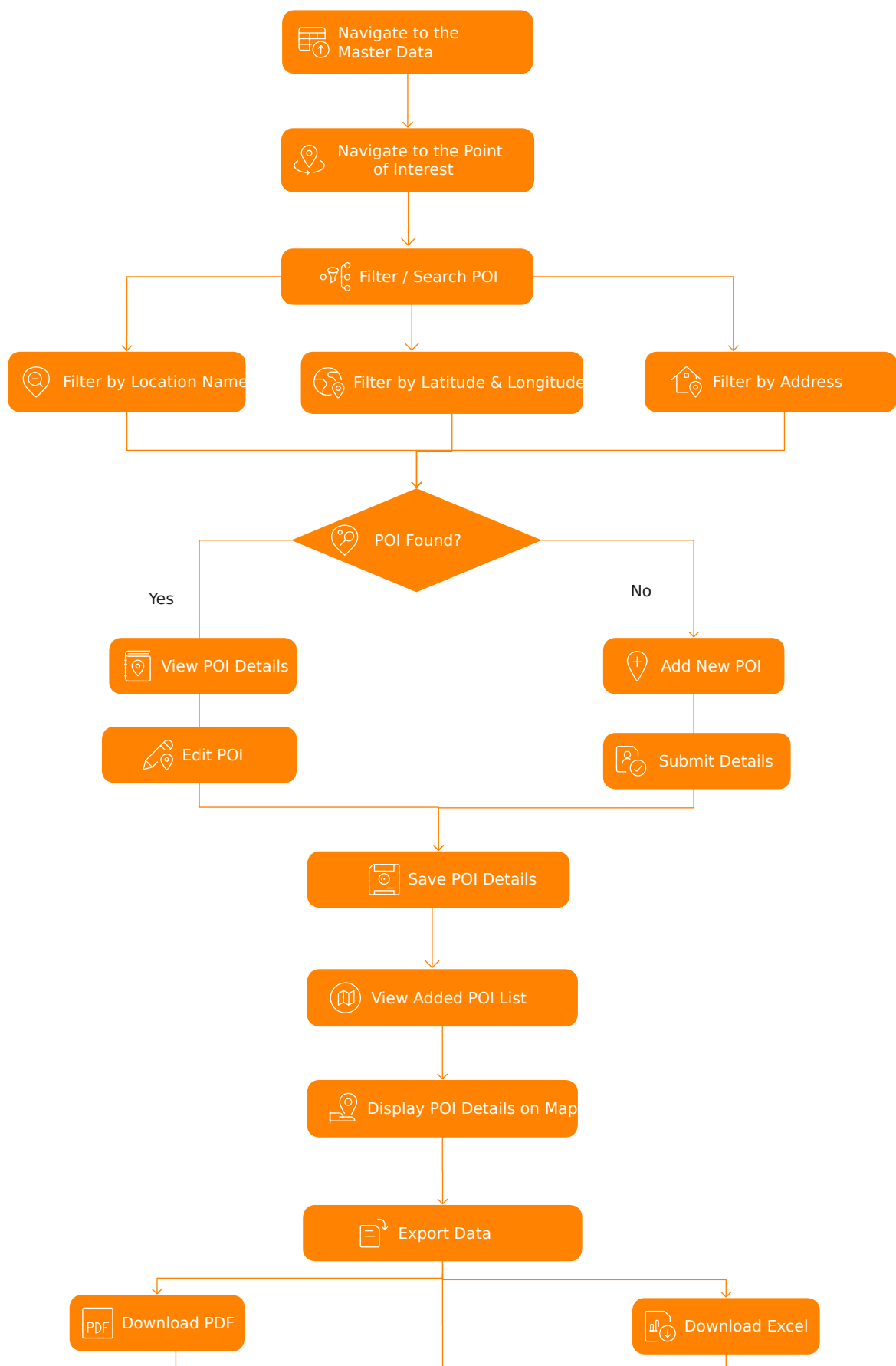
The Point of Interest feature provides a straightforward way to manage all your important locations. From adding a new spot on the map to updating its details, searching for existing points, and even generating reports, the process is designed to be intuitive.

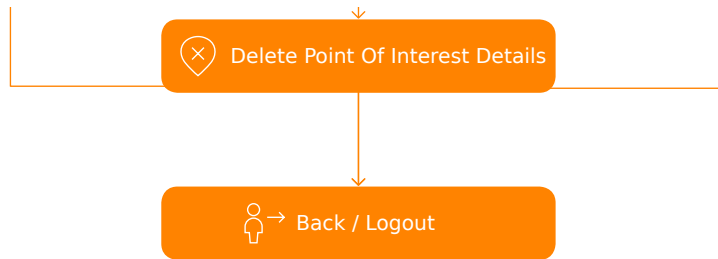
Here's a general overview of the workflow:

1. **Add a New Location:** You start by navigating to the Point of Interest section and using the "Add Location" option to input a name and address, or by simply clicking on the map.
2. **Define Location Details:** Enter or verify the address, which the system often converts into precise latitude and longitude coordinates. You can also manually adjust these on a map.
3. **Manage Existing Locations:** Once saved, your POIs can be updated (e.g., dragging a marker to refine an address), searched for (by name, address, or coordinates), or deleted if no longer needed.
4. **Generate Reports:** You can also download detailed reports of all your POIs for auditing and management.

This process is visually represented in the flowchart below:

Point of Interest Management Flowchart





Getting Started

Follow these simple steps to start using the Point of Interest feature:

1. To Add a New Point of Interest:

- Navigate to the **Master Data** module, then select the **"Point of Interest"** sub-module.
- Click on the **"Add Location"** or **" + Add Location"** button.
- **Enter valid location details** such as the "Location Name" and "Address."
- Click **"Save"** or **"Submit"**.
- *If you change your mind:* Click **"Cancel"** without entering data to close the form without saving changes.

2. To Update an Existing Point of Interest Location:

- Go to the **Master Data** module, open the **"Point of Interest"** sub-module.
- Click on the point of interest you wish to edit (it might be labeled as **"Add Location"** on some pages, allowing you to drag the marker).
- **Drag the location marker on the map** to adjust the address or manually update the latitude and longitude values if needed.
- **Save** your changes.

3. To Search for a Point of Interest:

- Open the **"Point of Interest"** page.
- Enter a **location name, address, or latitude and longitude values** in the search bar.
- Click the **"Search"** button.

4. To Remove a Point of Interest:

- In the **"Point of Interest"** sub-module, **click on the point of interest card** you wish to remove.
- A popup will appear; click the **"Delete"** option.
- **Confirm deletion** when prompted.

5. To Download Point of Interest Details:

- Navigate to the **"Point Of Interest"** Master Data or Reports section.
- Apply any necessary filters (if you want to customize the report).
- Click on the **"Export"** or **"Download"** button and choose your desired format (**PDF** or **Excel**).
- The system will generate and download the file.

Key Features You'll Use

- **Add Location:** Easily create new points of interest by entering details or dropping a pin on the map.
- **Update Location Marker:** Adjust the exact position of a saved location by dragging its marker on the map, automatically updating its address and coordinates.

- **Search Functionality:** Find specific points of interest quickly by typing in their name, address, or even precise latitude and longitude coordinates.
- **Delete Point of Interest:** Remove unwanted or outdated locations from your saved list with a simple click.
- **POI Reports (PDF & Excel):** Generate and download detailed reports of all your points of interest, complete with names, addresses, coordinates, and creation details, in both PDF and Excel formats for easy auditing and management.

Common Scenarios

Here are some real-world ways you can use the Point of Interest feature:

- **Adding a New Customer Site:** A new client has just opened. You navigate to "Point of Interest," click "+ Add Location," type in their business name and address, and click "Save." Now, every driver knows exactly where to go.
- **Refining a Delivery Address:** A warehouse location was initially entered, but drivers keep complaining about the entrance being on a different street. You open the POI for that warehouse, **drag the map marker** to the exact entrance, and save. Problem solved!
- **Finding a Specific Landmark:** You need to locate a specific monument for a promotional event. You go to the "Point of Interest" page, type the monument's name into the **search bar**, and the system instantly shows you its exact location on the map, along with its details.
- **Auditing All Business Locations:** Your manager asks for a list of all company offices and warehouses with their exact coordinates. You navigate to the POI page, apply any necessary filters, and click "**Download as PDF.**" Within seconds, you have a professional report ready.
- **Verifying GPS Coordinates:** A new POI was added, but you want to double-check its accuracy. You use the search function and enter the POI's **latitude and longitude** to confirm its position on the map.
- **Handling Incorrect Entries:** If you try to add a location with missing or obviously incorrect details, the system will **display an error message** and prevent the invalid entry, guiding you to correct the information.

What to Expect

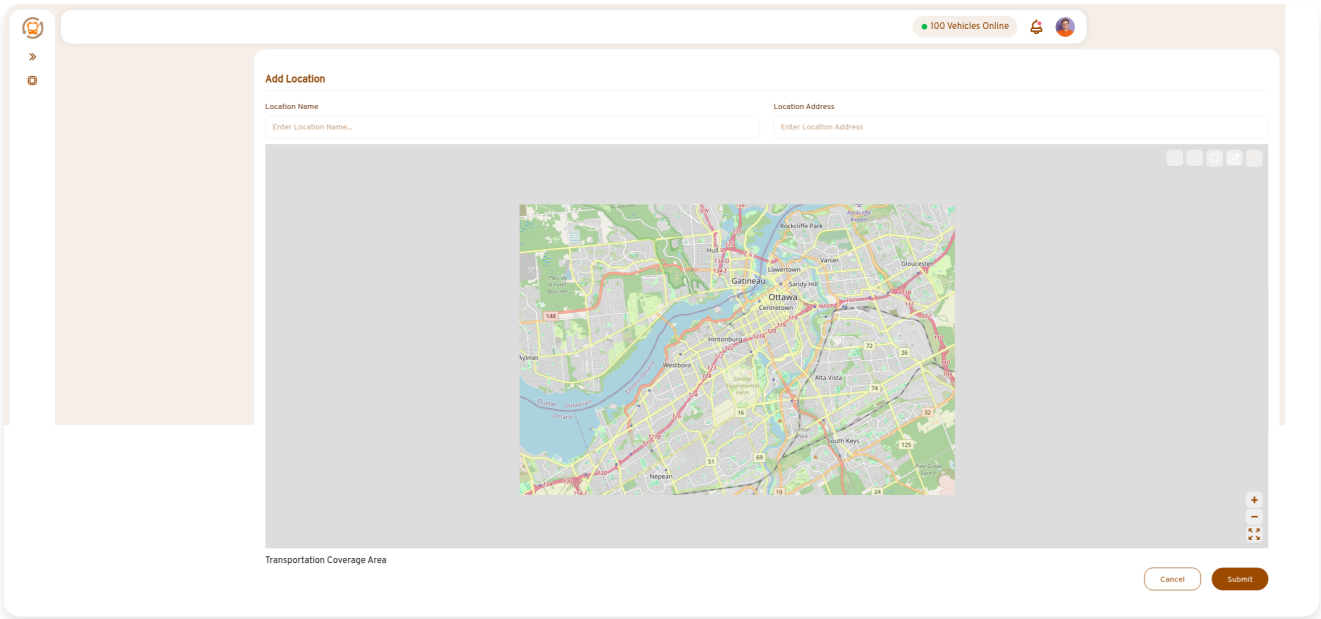
After successfully using the Point of Interest feature, you can expect the following:

- **When adding a new POI:** The new location will be successfully saved, a confirmation message will appear, and it will be clearly displayed both in your list of POIs and on the interactive map.
- **When updating a POI:** The location details, including address and coordinates, will be updated successfully and immediately reflected across the system and on the map.
- **When searching for a POI:** The correct location will be accurately displayed on the map, allowing you to interact with its details.
- **When deleting a POI:** The selected Point of Interest will be completely removed from both your list and the map, no longer visible in the system.
- **When downloading a report:** A properly formatted PDF or Excel file will be downloaded, containing all the accurate and complete Point of Interest details you requested.

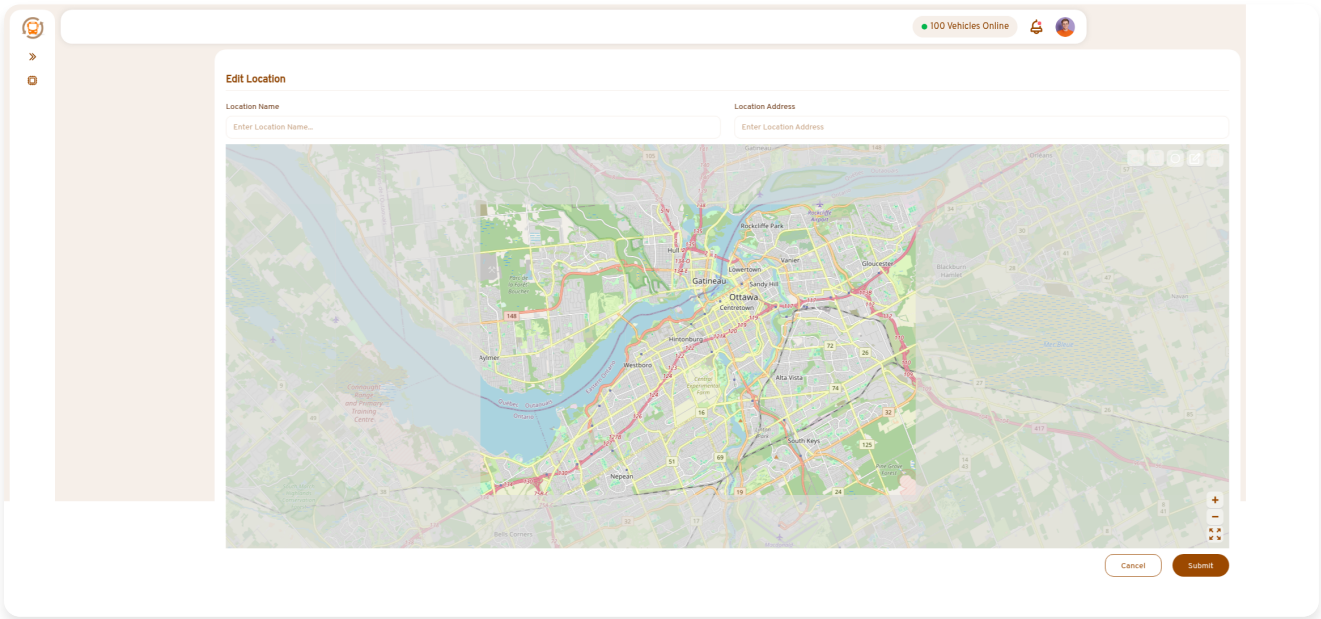
4. Visual Elements & Supporting Information

Here are some visual aids to help you understand the Point of Interest feature:

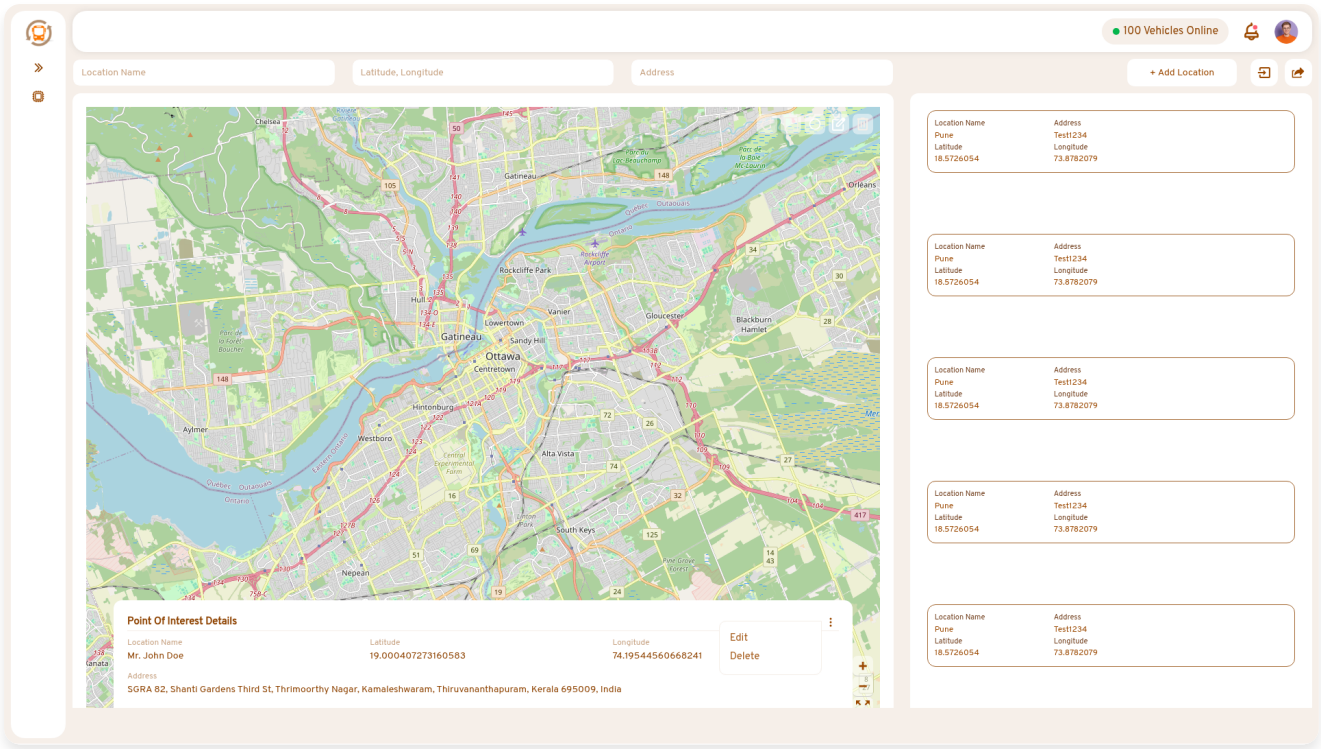
Adding a New Point of Interest This screenshot shows the interface for adding new points of interest, where you typically input location names and addresses.



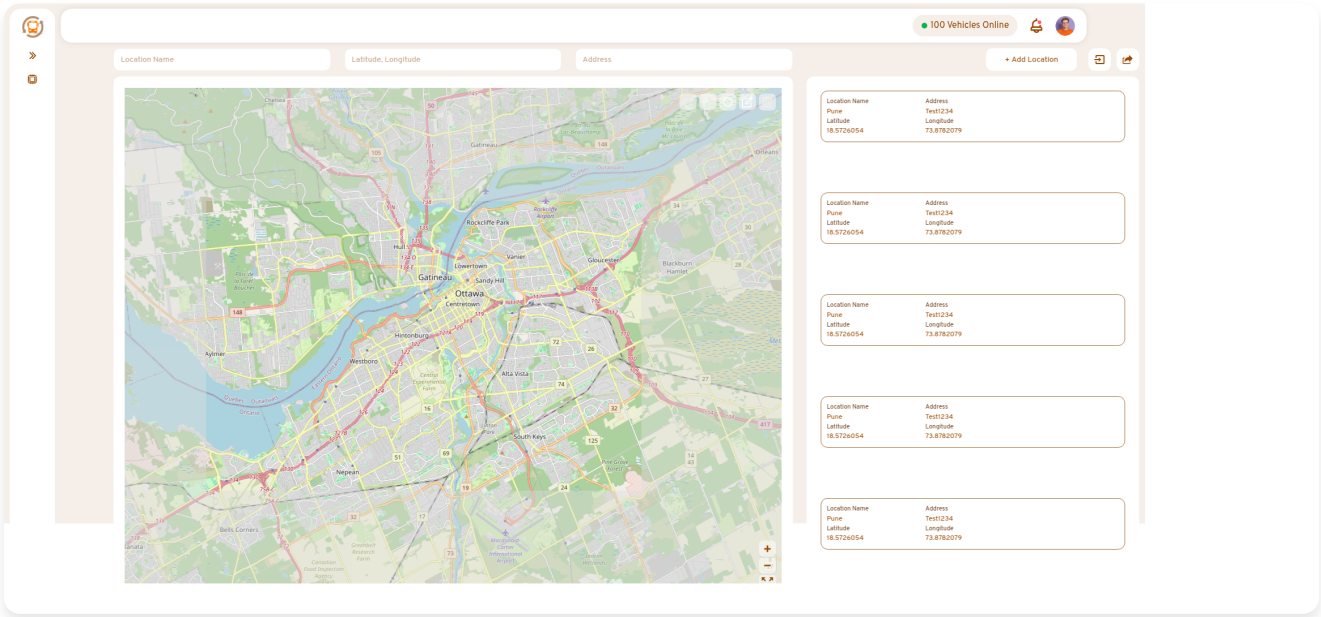
Updating Location Marker on Map This image illustrates how you can interact with the map to adjust the precise location of a point of interest by dragging its marker.



Removing a Point of Interest This screenshot likely displays a confirmation dialog or the interface for selecting and deleting an existing point of interest.



Location Map and Search Functionality This image shows the map interface, including the search bar where you can look up points of interest by various criteria.



PDF Details Download This screenshot represents the view or confirmation related to downloading Point of Interest details in PDF format.

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● 100 Vehicles Online

Location Name

Latitude, Longitude

Address

+ Add Location

Export ▾

PDF
Excel

Location Name	Address
Pune	Test1234
Latitude	Longitude
18.5726054	73.8782079

Location Name	Address
Pune	Test1234
Latitude	Longitude
18.5726054	73.8782079

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Field Validation Table

The following table details the input fields you'll encounter when adding or searching for Points of Interest:

Field Name	Mandatory	Field Type	Data Type	Field Size	Is Editable	Description
Location Name	Yes	Text	String	Max 100 chars	Yes	A unique and descriptive name for your Point of Interest (e.g., "Main Office").
Address	Yes	Text	String	Max 250 chars	Yes	The full street address of the Point of Interest.
Latitude	Yes	Number/Text	Number	-90.0 to +90.0	Yes	The North-South coordinate of the location. Often auto-filled by map.
Longitude	Yes	Number/Text	Number	-180.0 to +180.0	Yes	The East-West coordinate of the location. Often auto-filled by map.
Search Bar (Location/Address)	No	Text	String	Varies	Yes	Use this to find existing POIs by name, address, or coordinates.

5. Summary & Benefits

The Point of Interest feature is an indispensable tool for anyone needing efficient and accurate location management. By enabling you to effortlessly add, update, search, and report on key locations, it directly addresses common operational pain points. You gain:

- **Enhanced Operational Efficiency:** Streamline tasks like route planning and asset tracking.
- **Data Reliability:** Maintain a consistent and accurate record of important addresses.
- **Time Savings:** Reduce the effort spent on repetitive data entry and location lookups.
- **Better Decision-Making:** Access comprehensive location data for reporting and analysis.

Ultimately, Point of Interest empowers you to take control of your location data, ensuring that your team always has the right information at the right time, leading to smoother operations and greater productivity.