

# User Manual

COMP4039

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# 1. Introduction

Welcome to the system! This manual is designed to help users (police officers and administrators) quickly master the functions and usage of the system. The system is designed to support police work and help officers record, retrieve and manage information related to vehicles, people and traffic incidents.

## 1.1 System functions include:

- (1) Quick login and account management.
- (2) Efficient query and entry of personnel and vehicle information.
- (3) Reporting and record management of traffic incidents.
- (4) Data security and operation audit (administrators only).

This manual will guide you through various operations in an intuitive way and introduce the main functions of the system interface to help you complete your work efficiently. If you encounter problems during use, please refer to this manual at any time.

# 2. Using the system

## 2.1 Login

Admin or police can enter their usernames and passwords on the login page and access the system's homepage.

### (1) Police Office Login Example

- Username: mcnulty
- Password: plod123

### (2) Administrator Login Example

- Username: daniels
- Password: copper99

Click the "Dashboard" button to access the login page.

Enter correct username and password to access the system

goto to [Dashboard](#)  
You can log in using an admin account or a police account.

## Login

Login

After logging in, users can click “Modify Password” button to go to modify password page.

Overview

Search People

Search Vehicle

Add Vehicle

Report Incident

Search Incidents

Police Manage

Security Log

Modify Password

Logout

Change Password

Old Password

New Password

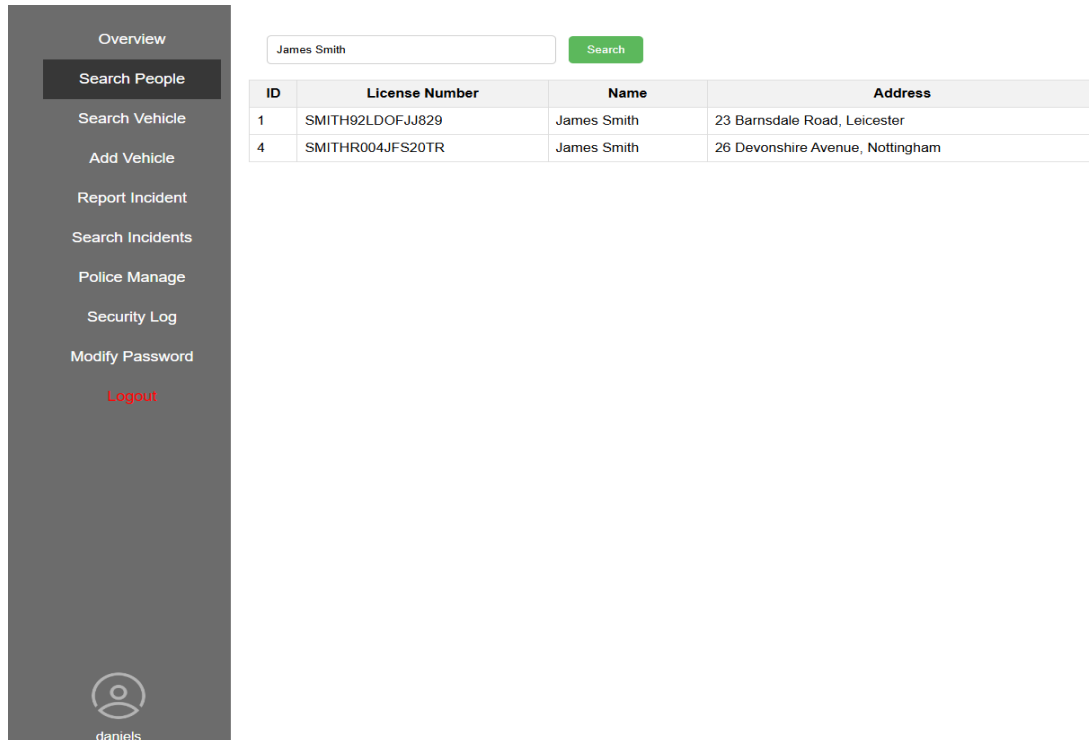
Confirm New Password

Change Password

## 2.2 Search Function

### 2.2.1 Search People

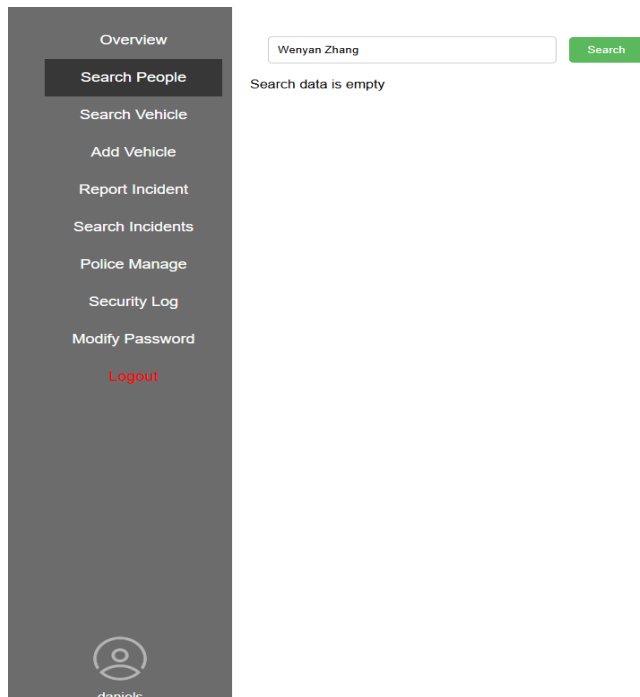
Select "People Search" in the sidebar. Enter the person's name or driving license number, then click "Search." The system will return matching personnel information (Based on database).



The screenshot displays the 'Search People' interface. On the left is a dark sidebar with a menu: Overview, Search People (highlighted), Search Vehicle, Add Vehicle, Report Incident, Search Incidents, Police Manage, Security Log, Modify Password, and Logout. At the bottom of the sidebar is a user profile icon and the name 'daniels'. The main content area features a search input field containing 'James Smith' and a green 'Search' button. Below the button is a table with the following data:

ID	License Number	Name	Address
1	SMITH92LDOFJJ829	James Smith	23 Barnsdale Road, Leicester
4	SMITHR004JFS20TR	James Smith	26 Devonshire Avenue, Nottingham

If the person is not in the system, a message "Search data is empty" will be displayed.



The screenshot displays the 'Search People' interface with a search input field containing 'Wenyan Zhang' and a green 'Search' button. Below the button, the text 'Search data is empty' is displayed. The sidebar on the left is identical to the previous screenshot, with the 'Search People' option highlighted and the user profile 'daniels' at the bottom.

### 2.2.2 Search Vehicle

Select "Search Vehicle" from the sidebar. Enter the car's plate number and click "Search." The system will return vehicle details (click the “show details” will jump to the search incident page).

Overview

Search People

Search Vehicle

Add Vehicle

Report Incident

Search Incidents

Police Manage

Security Log

Modify Password

Logout

daniels

XO14MC

Search

ID	Car-owner Name	Car-owner Licence	Vehicle Plate	Vehicle Color	Vehicle Type	Incidences
1	unknown	unknown	XO14MC	Blue	Ford Fiesta	<a href="#">show detail</a>

Previous

Next

Overview

Search People

Search Vehicle

Add Vehicle

Report Incident

Search Incidents

Police Manage

Security Log

Modify Password

Logout

daniels

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Search

ID	Vehicle Plate	Driver Name	Driver Licence	Information	Incident Report	Points	Fine Amount	Action
1	unknown	James Smith	SMITHR004JFS20TR	Speeding	40mph in a 30 limit	123	123	<a href="#">Edit</a>
6	XO14MC	James Smith	SMITH92LDOFJJ829	Speeding	123123123	none	none	<a href="#">Edit</a>

### 2.2.3 Search Incidents

Select "Search Incidents" from the sidebar. Enter incident ID and click "Search." The system will return all details about incidents.

Overview

Search People

Search Vehicle

Add Vehicle

Report Incident


Search Incidents

Police Manage

Security Log

Modify Password

Logout

  
daniels

Search

ID	Vehicle Plate	Driver Name	Driver Licence	Information	Incident Report	Points	Fine Amount	Action
2	unknown	Angela Smith	SMITH222LE9FJ5DS	Illegal parking	Double parked	0	50	<a href="#">Edit</a>

Administrators can modify event information. Just click “Edit”.

Overview

Search People

Search Vehicle

Add Vehicle

Report Incident


Search Incidents

Police Manage

Security Log

Modify Password

Logout

  
daniels

Incident Date

Incident Report

Offence

Vehicle

People

Fine Amount

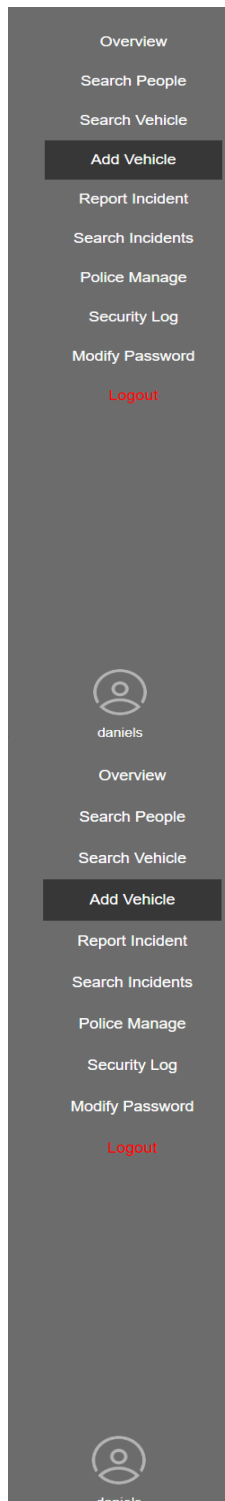
Fine Points

create report

## 2.3 Add Function

### 2.3.1 Add Vehicle Information

Select "Add Vehicle" from the sidebar. Enter the information of the vehicle. If the vehicle is already associated with an owner, select the existing owner, or you can add a new owner. Click the "Add Vehicle" button to complete the process.



A form titled 'Add Vehicle' with the following fields: Vehicle Plate, Vehicle Brand, Vehicle Model, Vehicle Color, Owner (a dropdown menu with 'Create New Owner' selected), New Owner Name, Owner Address, and Owner licence. A green 'Add Vehicle' button is at the bottom.

The same 'Add Vehicle' form as above, but with the 'Owner' dropdown menu open. The dropdown menu shows a list of names: Create New Owner, James Smith, Jennifer Allen, John Myers, James Smith, Terry Brown, Mary Adams, Neil Becker, Angela Smith, Xene Medora, Malcolm Barber, Rosemary Willis, Sean Carter, Megan Murray, Kayleigh Payne, Marc Wilkinson, Allan Lewis, Louise Nelson, Martin Martin, and Matthew Jackson. The 'Create New Owner' option is highlighted in blue.

## 2.3.2 Add Incident

Select "Report Incident" from the sidebar. Fill in the report details, including the incident date, incident report, offence, vehicle plate and people.

Overview  
Search People  
Search Vehicle  
Add Vehicle  
**Report Incident**  
Search Incidents  
Police Manage  
Security Log  
Modify Password  
Logout

Incident Date  
年 / 月 / 日

Incident Report  
Incident Report

Offence  
Speeding

Vehicle  
XO14MC

People  
James Smith

create report

## 2.4 Administrator Function

### 2.4.1 Police Manage

After logging in as an administrator, select "Police Manage." Fill in the police officer's basic information (username and password). Once create, the police officer's account will be ready for use.

Overview  
Search People  
Search Vehicle  
Add Vehicle  
Report Incident  
Search Incidents  
**Police Manage**  
Security Log  
Modify Password  
Logout

create a new officer

Username Password Create

Officer List

Username	Password	Actions
Carter	fuzz42	Login
mcNulty	plod123	Login
moreland	fuzz42	Login
Regan	123	Login
WY	123456	Login



## 2.4.2 Security Log

Administrators can review database operations performed by users, including additions, deletions, updates, and queries, via the "Security Log" page. Administrators can also search for specific usernames to view information.

Overview

Search People

Search Vehicle

Add Vehicle

Report Incident

Search Incidents

Police Manage

**Security Log**

Modify Password

Logout

Search by Username

Search

ID	Username	Reason	Time
84	daniels	add officer	2024-12-14 04:05:36
83	daniels	search vehicle	2024-12-14 03:30:01
82	daniels	add vehicle	2024-12-14 03:28:14
81	daniels	search vehicle	2024-12-14 03:27:18
80	daniels	search vehicle	2024-12-14 03:20:43
79	daniels	search people	2024-12-14 02:58:13
78	daniels	search people	2024-12-14 02:56:54
77	daniels	search people	2024-12-14 02:56:47
76	daniels	search people	2024-12-14 02:56:28
75	daniels	search people	2024-12-14 02:55:10

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daniels

## 3. Conclusion

Thank you for using this system! This user manual provides comprehensive guidance on the system's main features and functionalities to help you complete your tasks efficiently.

For technical support, please contact:

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