## 1. Log in:
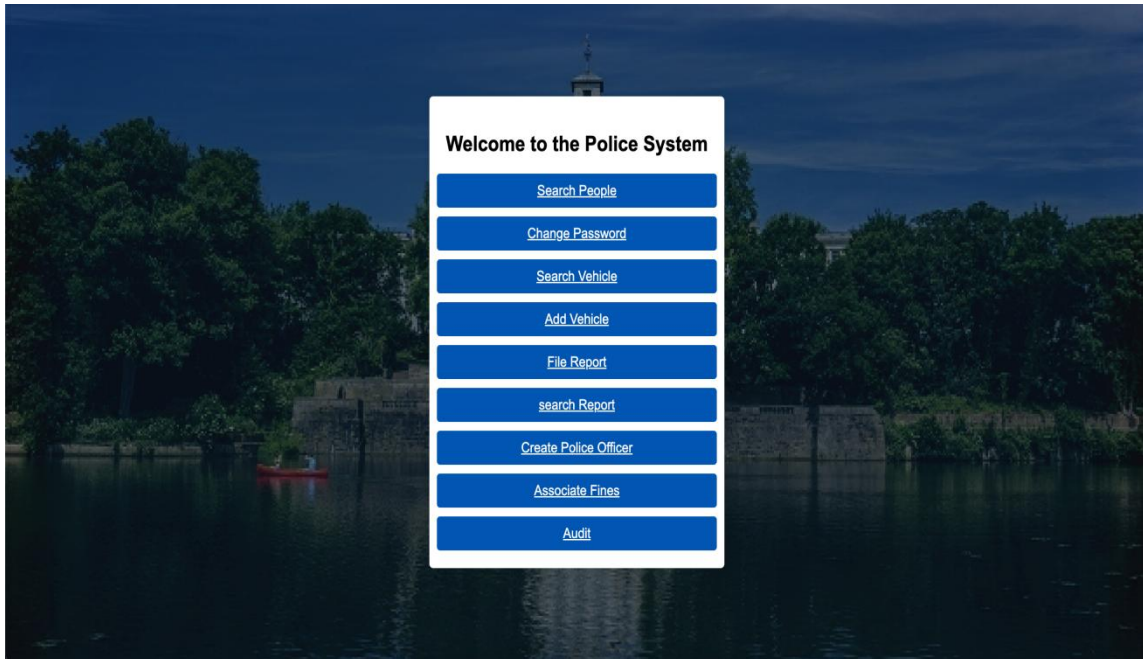
Users can log into the system using the right usernames/password combinations.Once logged in,the user should have the ability to change their password.
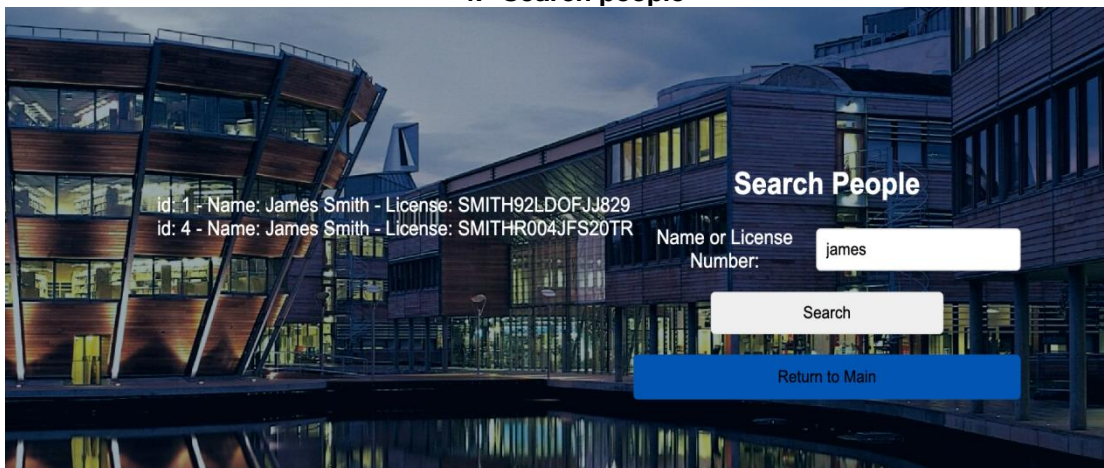
## 2. main surface



Once logged in , the user can see many options they can do.But some bottons will only show when you log in with an administrator account.
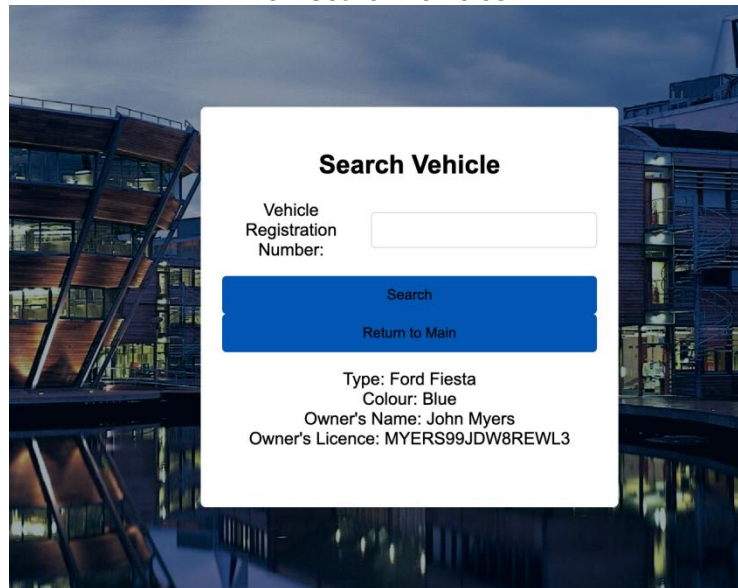
## 3. Change password

In this interface, the user is required to enter their current password (old password) and input the new password twice to confirm accuracy. After ensuring the information is correctly entered, click the 'Change Password' button to confirm the modification.

## 4. Search people



In this interface, users have the ability to search for content related to people, which can include 'People_name' or 'People_licence'. The search results will display the information of the person searched for. If there are multiple individuals with the same name, all matching entries will be listed.
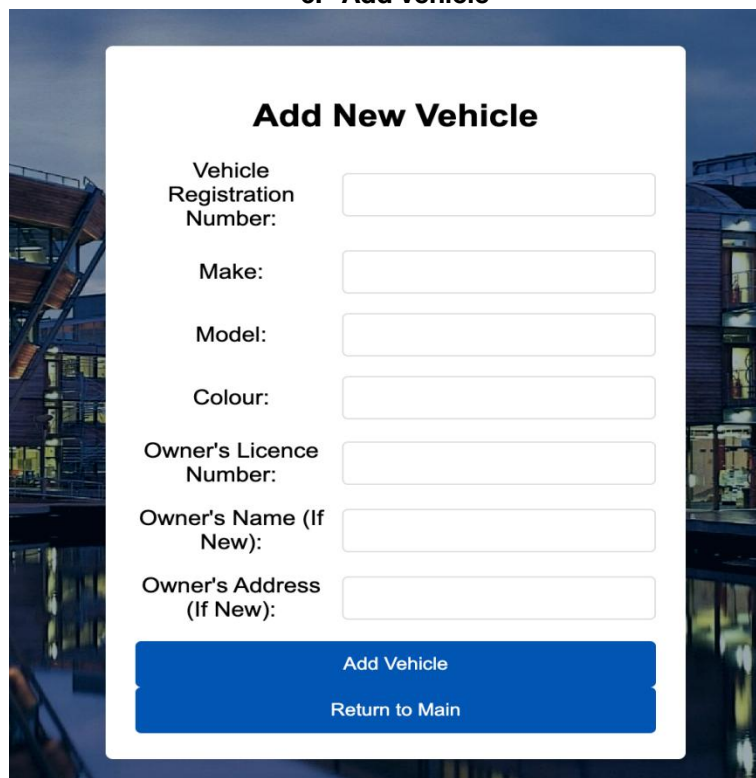
## 5. Search vehicles



In this interface, users can enter the vehicle's license number to search for corresponding vehicle information. The search will return all details of the vehicle in question. Additionally, if there is an ownership record, the owner's information will be displayed.

## 6. Add vehicle



In this interface, users can input relevant vehicle information to add a new vehicle. The addition of ownership requires the associated person's license number. If the person linked to the license number already exists in the database, the ownership will be added directly. If the person does not exist in the database, an error will be displayed, and the user will be prompted to add the necessary information for the new person.

## 7. File Report

## File a New Incident Report

Incident Statement:

Time of Incident: 年 /月/日 --:--

Vehicle ID:

Person ID:

Offence: Speeding

**Submit Report**

## Search Incident Reports

Search by Person ID or Vehicle ID:

**Search Reports**

In this interface, police officers should be able to submit incident reports and retrieve existing reports ( through searching). Submitting a new report will involve providing a written statement, recording the time of the incident, and detailing the vehicles and individuals involved. If the ID of a person or vehicle is not present in the current database, new entries must be added to include the new vehicle and people. Officers should be able to record criminal activities from a list of offenses into the crime database. Note: This stage does not involve storing fines, as fines are to be issued later by the court and added by an administrator. The officer should be able to retrieve and edit reports.

## 8. Search report

### Search and Update Incident Reports

Search Term:

**Search**

**Return to Main**

**Incident ID: 1**

People ID: 8

Vehicle ID: 15

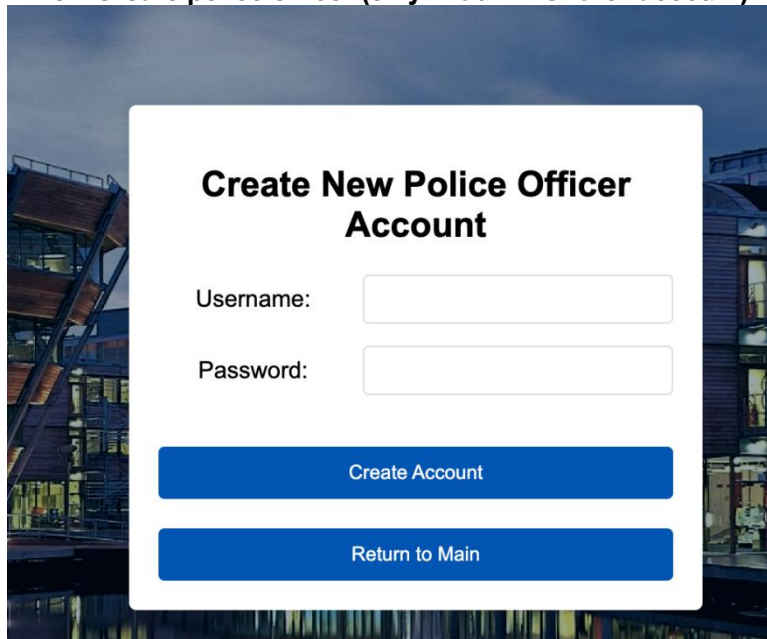Incident Report: 40mph in a 30 limit11121123

**Update Report**

**Incident ID: 2**

People ID: 8

Vehicle ID: 20

In this interface, administrators should be able to add new police officers. This process requires the creation of a new username and password for each new officer.

### 9. Create police officer (only in administrator account)



In this interface, administrators should be able to add new police officers. This process requires the creation of a new username and password for each new officer.
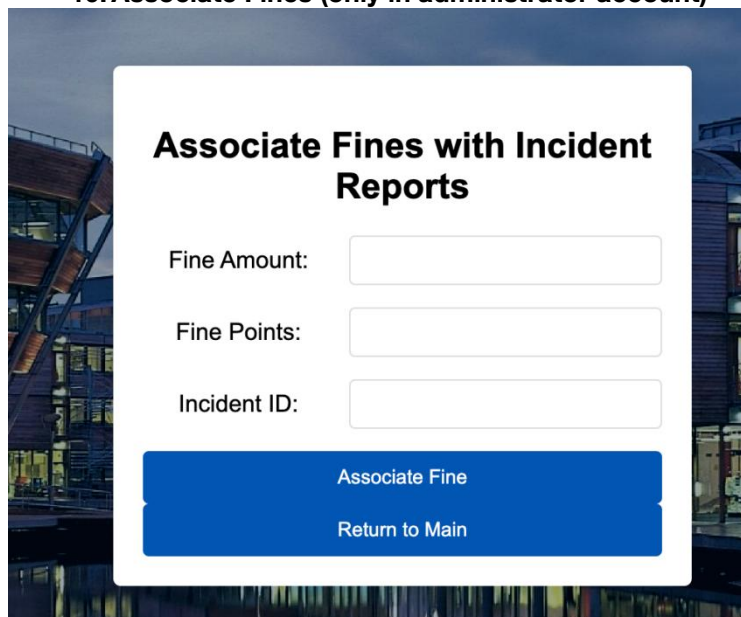
### 10. Associate Fines (only in administrator account)



In this interface, administrators should be able to associate fines with reports by entering the Fine Amount, Fine Points, and Incident ID.

## 11. Audit



Log ID: 244 - Username: zyp - Action: Add Person - Description: Added new person: yep - Timestamp: 2023-12-11 03:01:57
Log ID: 245 - Username: zyp - Action: Add Vehicle - Description: Added new vehicle: 123312 - Timestamp: 2023-12-11 03:01:57
Log ID: 246 - Username: zyp - Action: File Incident Report - Description: Filed a new incident report - Timestamp: 2023-12-11 03:01:57
Log ID: 247 - Username: zyp - Action: Add Person - Description: Added new person: 324324 - Timestamp: 2023-12-11 03:05:20
Log ID: 248 - Username: zyp - Action: Add Vehicle - Description: Added new vehicle: 21323 - Timestamp: 2023-12-11 03:05:20
Log ID: 249 - Username: zyp - Action: File Incident Report - Description: Filed a new incident report - Timestamp: 2023-12-11 03:05:20
Log ID: 250 - Username: zyp - Action: Search Incident - Description: Searched for incident report: - Timestamp: 2023-12-11 03:09:44
Log ID: 251 - Username: zyp - Action: Update Incident - Description: Updated incident report. Details: Incident ID: 1 | People ID: 8 -> 8 | Vehicle ID: 15 -> 15 | Incident Report: '40mph in a 30 limit111' -> '40mph in a 30 limit11121123' - Timestamp: 2023-12-11 03:10:06
Log ID: 252 - Username: zyp - Action: Search Incident - Description: Searched for incident report: - Timestamp: 2023-12-11 03:10:08
Log ID: 253 - Username: zyp - Action: Search Ahdit - Description: Searched for: - Timestamp: 2023-12-11 17:26:35
Log ID: 254 - Username: - Action: Login Failure - Description: Failed login attempt - Timestamp: 2023-12-11 21:27:22
Log ID: 255 - Username: - Action: Login Failure - Description: Failed login attempt - Timestamp: 2023-12-11 21:28:09
Log ID: 256 - Username: zyp - Action: Login Failure - Description: Failed login attempt - Timestamp: 2023-12-11 21:29:49
Log ID: 257 - Username: zyp - Action: Login Success - Description: User logged in successfully - Timestamp: 2023-12-11 21:29:52
Log ID: 258 - Username: zyp - Action: Search - Description: Searched for: Jame - Timestamp: 2023-12-11 22:10:09
Log ID: 259 - Username: zyp - Action: Search - Description: Searched for: jame - Timestamp: 2023-12-11 22:10:14
Log ID: 260 - Username: zyp - Action: Search - Description: Searched for: jame - Timestamp: 2023-12-11 22:10:15
Log ID: 261 - Username: zyp - Action: Search - Description: Searched for: jame - Timestamp: 2023-12-11 23:11:36
Log ID: 262 - Username: zyp - Action: Vehicle Search - Description: Searched for vehicle registration: - Timestamp: 2023-12-11 23:12:33
Log ID: 263 - Username: zyp - Action: Vehicle Search - Description: Searched for vehicle registration: - Timestamp: 2023-12-11 23:12:35
Log ID: 264 - Username: zyp - Action: Vehicle Search - Description: Searched for vehicle registration: 12 - Timestamp: 2023-12-11 23:12:38
Log ID: 265 - Username: zyp - Action: Vehicle Search - Description: Searched for vehicle registration: 12 - Timestamp: 2023-12-11 23:12:40
Log ID: 266 - Username: zyp - Action: Vehicle Search - Description: Searched for vehicle registration: LB15AJL - Timestamp: 2023-12-11 23:13:07
Log ID: 267 - Username: zyp - Action: Vehicle Search - Description: Searched for vehicle registration: LB15AJL - Timestamp: 2023-12-11 23:13:29
Log ID: 268 - Username: zyp - Action: Vehicle Search - Description: Searched for vehicle registration: LB15AJL - Timestamp: 2023-12-11 23:13:32
Log ID: 269 - Username: zyp - Action: Search - Description: Searched for: james - Timestamp: 2023-12-11 23:18:04
Log ID: 270 - Username: zyp - Action: Add Person - Description: Added new person with licence: YEPE1NG - Timestamp: 2023-12-11 23:21:14
Log ID: 271 - Username: zyp - Action: Add Vehicle - Description: Added new vehicle with registration: Yepeng - Timestamp: 2023-12-11 23:21:14
Log ID: 272 - Username: zyp - Action: Add Ownership - Description: Associated vehicle Yepeng with person YEPE1NG - Timestamp: 2023-12-11 23:21:14
Log ID: 273 - Username: zyp - Action: Search Incident - Description: Searched for incident report: - Timestamp: 2023-12-11 23:30:53
Log ID: 274 - Username: zyp - Action: Search Incident - Description: Searched for incident report: - Timestamp: 2023-12-11 23:40:41
Log ID: 275 - Username: zyp - Action: Search Ahdit - Description: Searched for: 123 - Timestamp: 2023-12-11 23:42:42

**Search AuditLog**

Search (Username, Action, Description):

Search

Return to Main

In this interface, police officers can search for all records of modifications made to the database based on the following criteria： Log_ID/ Username/ Action/ Description/ Timestamp.