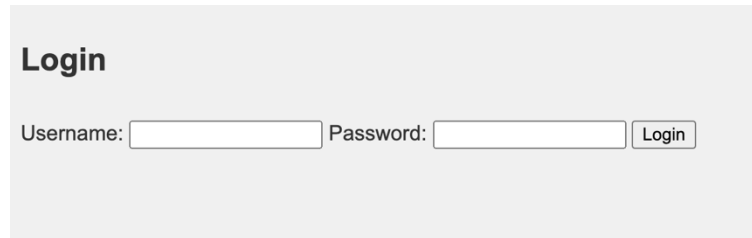


## User Manual

### For a regular user/admin:

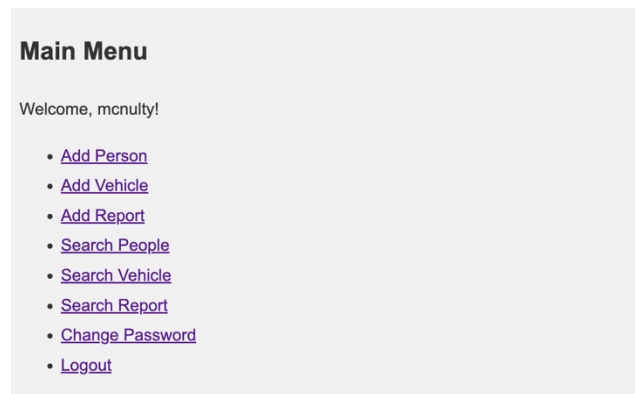
1) The user logs in by going to the login page and using their given credentials.

Login Page URL: <http://localhost/coursework2/index.html>



The screenshot shows a login form with the title "Login". Below the title, there are two input fields: "Username:" and "Password:". To the right of the "Password:" field is a "Login" button.

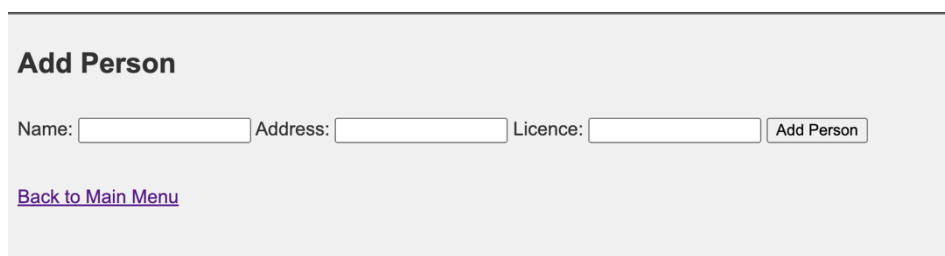
2) In the main menu, the user can add a person, a vehicle, an incident report; or search for people, vehicles or existing reports. They can also change their password.



The screenshot shows a main menu with the title "Main Menu". Below the title, there is a welcome message "Welcome, mculty!". Below the welcome message, there is a list of links: "Add Person", "Add Vehicle", "Add Report", "Search People", "Search Vehicle", "Search Report", "Change Password", and "Logout".

3) Adding a person

Enter person's full name, address and driving licence number. If a person with the same licence already exists, the system will display a message and not add the person.



The screenshot shows an "Add Person" form. Below the title "Add Person", there are three input fields: "Name:", "Address:", and "Licence:". To the right of the "Licence:" field is an "Add Person" button. Below the input fields, there is a link "Back to Main Menu".

#### 4) Adding a vehicle

Enter the make and model (i.e. Ford Fiesta), colour, licence plate number, and owner's licence number. Vehicle Licence cannot exceed 7 characters. If a vehicle with the same licence plate already exists in the database, the system will show a message and not add the vehicle. If the given Owner's Licence is not in the database, the system will say the user needs to add the person first, and then come back and add the vehicle.

**Add Vehicle**

Vehicle Make and Model:  Vehicle Colour:  Vehicle Licence:  Owner's Licence:

[Back to Main Menu](#)

#### 5) Adding a report

Enter the driving licence number, licence plate number, Incident date and an incident report and choose the offence description from the drop-down menu. If the person and/or the vehicle is not in the database, the user will be prompted to add them first and then come and file the report.

**Add Report**

Driving Licence Number:  Licence Plate Number:  Incident Date (YYYY-MM-DD):  Incident Report (Max 500 characters):  Offence Description: 

Speeding

▼

[Back to Main Menu](#)

#### 6) Search People

Search for a person using their name or driving licence number. The search term can be partial. This will display the person's name, address and driving licence number.

**Search People**

Search by Name or Driver's Licence:

No results found for the given search term.

[Back to Main Menu](#)

## 5) Search Vehicle

Search for a vehicle by using the licence plate number (can be partial). This will return the make and model, colour, licence plate number, owner name and owner's driving licence number.

### Search Vehicle

Search by Licence Plate:

No results found for the given search term.

[Back to Main Menu](#)

## 6) Search Report

Search for an incident report using the driving licence number or plate number. The search term must be an exact match. The search will yield the Incident Date, Driving Licence Number, Plate Number, Incident Report, Offence Description and an edit option. Results are ordered from most recent to oldest.

### Search Report

Search by Driving Licence Number or Licence Plate Number:

[Back to Main Menu](#)

## 7) Edit Report

After searching for a report, click the edit button. This will allow every field of the search result to be editable. Just edit as you like, and press "Save Changes".

### Edit Report

Incident ID: 6

Driving Licence Number:

Licence Plate Number:

Incident Date (YYYY-MM-DD):

Incident Report (Max 500 characters):

Offence Description:

[Back to Search Report](#)

## 8) Change Password

The user can change their password as they please.

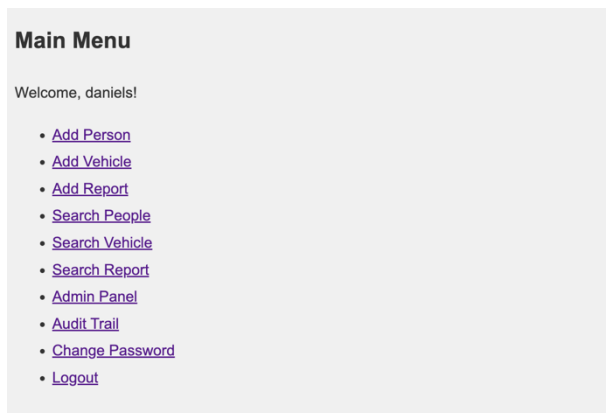
### Change Password

Current Password:  New Password:

[Back to Main Menu](#)

## Extra features for admin:

The admin will have a different main menu with an additional admin panel and an audit trail.



### 1) Admin Panel

The admin can add a new user (must be unique).

The admin can also associate fines to reports. To do this, search for the report, click “Edit” on the desired report and see the IncidentID at the top of the page (see Edit Report above). Then, make note of the IncidentID. On the admin panel, under “Manage Fine”, enter the incidentID, Fine Amount and Fine Points. Fine amount and points can’t be less than 0 or more than the maximum amount for that specific offence. If the Incident Report associated with that IncidentID already has fines associated with it, the old values will be changed with the new ones. If not, the new fine will be associated.

## Admin Panel

### Add New User

New Username:  New Password:

### Manage Fine

Incident ID:  Fine Amount:  Fine Points:

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2) Audit Trail

For regulatory purposes, there is an audit trail that logs logins, searches, edits and additions. The admin can search by username and filter by event type.

Audit Trail

Search by Username:

Filter by Event:

✓ All Events

Login

Add Person

Add Report

Add Vehicle

Search People

Search Vehicle

Search Report

Edit Report

Add User

Add Fine

Edit Fine

Search

Timestamp			Event	Details
2023-12-14 02:02:43	daniels		Login	User daniels logged in.
2023-12-14 01:03:04	daniels		Search Report	User daniels searched for a report with '34AT141'.
2023-12-14 01:03:01	daniels		Search Report	User daniels searched for a report with 'LB15AJL'.
2023-12-14 01:02:59	daniels		Search Report	User daniels searched for a report with 'SMITH92LDOFJJ829'.
2023-12-14 01:02:45	daniels		Login	User daniels logged in.
2023-12-13 23:30:47	daniels		Search Vehicle	User daniels searched for a vehicle with '34AT141'.
2023-12-13 23:30:27	daniels		Add Vehicle	User daniels added a vehicle: Plate Number 34NG141.
2023-12-13 23:21:45	daniels		Edit Report	User daniels edited a report with Incident ID: 7.
2023-12-13 23:21:38	daniels		Search Report	User daniels searched for a report with '34AT141'.
2023-12-13 23:18:48	daniels		Add Report	User daniels added a report. Driving Licence#: BALA9999

1

2

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4

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7

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